

System Test Plan - RobustPaycheck Program

Requirements

Raleigh's Parks and Recreation Department hires landscapers to care for and maintain the city's parks.

An employee has one of three skill levels; each with a hourly pay rate:

Skill Level - Hourly Pay Rate (\$)

Level 1 - \$19.00

Level 2 - \$22.50

Level 3 - \$25.75

All employees may opt in for insurance, which results in a deduction from their pay check.

Deduction - Weekly Cost (\$)

Option 1 - Medical Insurance - \$24.50

Option 2 - Dental Insurance - \$15.30

Option 3 - Vision Insurance - \$5.25

Employees at skill level 3 may also opt to place up to 6% of their gross pay into a retirement account.

The following information is printed about the employee's pay check: 1) employee's name 2) hours worked for a week 3) hourly pay rate 4) regular pay for up to 40 hours worked 5) overtime pay (1.5 pay rate) for hours over 40 worked 6) gross pay (regular + overtime) 7) total deductions 8) net pay (gross pay – total deductions). If the net pay is negative, meaning the deductions exceeds the gross pay, then an error is printed.

This version of the program has extensive error checking and loops to allow for processing more than one paycheck at a time.

System Test Plan: Indefinite Loops

The following commands compile and run the `RobustPaycheck` program:

```
$ javac -d bin src/RobustPaycheck.java
```

```
$ java -cp bin RobustPaycheck
```

System Test Plan

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing **Ctrl+C**.

System Test Plan: Indefinite Loops

Test ID	Description	Expected Results	Actual Results																												
Boundary regular hours, All insurances, Level 1	<p>Preconditions: RobustPaycheck program started New paycheck (Y/N): Y Employee Name: Alice Anderson Employee Level: 1 Hours Worked: 0 <Stop program></p>	Enter the number of hours worked. Hours Worked:																													
Boundary regular hours, Two insurances, Level 1	<p>Preconditions: RobustPaycheck program started New paycheck (Y/N): Y Employee Name: Bob Baker Employee Level: 1 Hours Worked: 1 Medical Insurance (Y/N): N Dental Insurance (Y/N): Y Vision Insurance (Y/N): Y New paycheck (Y/N): N</p>	<Error Message>																													
Mid-range regular hours, Two insurances, Level 1	<p>Preconditions: RobustPaycheck program started New paycheck (Y/N): Y Employee Name: Carol Cole Employee Level: 1 Hours Worked: 10 Medical Insurance (Y/N): Y Dental Insurance (Y/N): N Vision Insurance (Y/N): Y New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Carol Cole</td> <td>10.00</td> <td>19.00</td> <td>190.00</td> <td>0.00</td> <td>190.00</td> <td>29.75</td> </tr> <tr> <td></td> <td></td> <td></td> <td>160.25</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Carol Cole	10.00	19.00	190.00	0.00	190.00	29.75				160.25				
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Mid-range regular hours, Two insurances, Level 1	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Danny D David</p> <p>Employee Level: 1</p> <p>Hours Worked: 20</p> <p>Medical Insurance (Y/N): Y</p> <p>Dental Insurance (Y/N): Y</p> <p>Vision Insurance (Y/N): N</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Danny D David</td> <td>20.00</td> <td>19.00</td> <td>380.00</td> <td>0.00</td> <td>380.00</td> <td>39.80</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>340.20</td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Danny D David	20.00	19.00	380.00	0.00	380.00	39.80							340.20	
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Boundary regular hours, One insurance, Level 1	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Ellen Edwards</p> <p>Employee Level: 1</p> <p>Hours Worked: 39</p> <p>Medical Insurance (Y/N): N</p> <p>Dental Insurance (Y/N): N</p> <p>Vision Insurance (Y/N): Y</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ellen Edwards</td> <td>39.00</td> <td>19.00</td> <td>741.00</td> <td>0.00</td> <td>741.00</td> <td>5.25</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>735.75</td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Ellen Edwards	39.00	19.00	741.00	0.00	741.00	5.25							735.75	
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Boundary regular hours, One insurance, Level 1	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Frank Frankenstein</p> <p>Employee Level: 1</p> <p>Hours Worked: 40</p> <p>Medical Insurance (Y/N): Y</p> <p>Dental Insurance (Y/N): N</p> <p>Vision Insurance (Y/N): N</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Frank Frankenstein</td> <td>40.00</td> <td>19.00</td> <td>760.00</td> <td>0.00</td> <td>760.00</td> <td>24.50</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>735.50</td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Frank Frankenstein	40.00	19.00	760.00	0.00	760.00	24.50							735.50	
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Boundary overtime hours, One insurance, Level 1	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: George George</p> <p>Employee Level: 1</p> <p>Hours Worked: 41</p> <p>Medical Insurance (Y/N): N</p> <p>Dental Insurance (Y/N): Y</p> <p>Vision Insurance (Y/N): N</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>George George</td> <td>41.00</td> <td>19.00</td> <td>760.00</td> <td>28.50</td> <td>788.50</td> <td>15.30</td> </tr> <tr> <td>773.20</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							George George	41.00	19.00	760.00	28.50	788.50	15.30	773.20							
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Mid-range overtime hours, No insurance, Level 1	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Hilda Henderson</p> <p>Employee Level: 1</p> <p>Hours Worked: 50</p> <p>Medical Insurance (Y/N): N</p> <p>Dental Insurance (Y/N): N</p> <p>Vision Insurance (Y/N): N</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hilda Henderson</td> <td>50.00</td> <td>19.00</td> <td>760.00</td> <td>285.00</td> <td>1045.00</td> <td>0.00</td> </tr> <tr> <td>1045.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Hilda Henderson	50.00	19.00	760.00	285.00	1045.00	0.00	1045.00							
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Boundary regular hours, Two insurances, Level 2	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Bob Baker</p> <p>Employee Level: 2</p> <p>Hours Worked: 1</p> <p>Medical Insurance (Y/N): N</p> <p>Dental Insurance (Y/N): Y</p> <p>Vision Insurance (Y/N): Y</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bob Baker</td> <td>1.00</td> <td>22.50</td> <td>22.50</td> <td>0.00</td> <td>22.50</td> <td>20.55</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.95</td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Bob Baker	1.00	22.50	22.50	0.00	22.50	20.55							1.95	
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Boundary regular hours, Two insurances, Level 3, Boundary retirement	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Bob Baker</p> <p>Employee Level: 3</p> <p>Hours Worked: 1</p> <p>Medical Insurance (Y/N): N</p> <p>Dental Insurance (Y/N): Y</p> <p>Vision Insurance (Y/N): Y</p> <p>Retirement Percentage (0-6): 1</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bob Baker</td> <td>1.00</td> <td>25.75</td> <td>25.75</td> <td>0.00</td> <td>25.75</td> <td>20.80</td> </tr> <tr> <td>4.95</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Bob Baker	1.00	25.75	25.75	0.00	25.75	20.80	4.95							
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Mid-range regular hours, Two insurances, Level 3, Boundary retirement	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Carol Cole</p> <p>Employee Level: 3</p> <p>Hours Worked: 10</p> <p>Medical Insurance (Y/N): Y</p> <p>Dental Insurance (Y/N): N</p> <p>Vision Insurance (Y/N): Y</p> <p>Retirement Percentage (0-6): 1</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Carol Cole</td> <td>10.00</td> <td>25.75</td> <td>257.50</td> <td>0.00</td> <td>257.50</td> <td>32.32</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>225.18</td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Carol Cole	10.00	25.75	257.50	0.00	257.50	32.32							225.18	
Name	Hours	PayRate	Regular	OT	Gross	Deduc.																									
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Carol Cole	10.00	25.75	257.50	0.00	257.50	32.32																									
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Mid-range regular hours, Two insurances, Level 3, Mid-range retirement	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Danny D David</p> <p>Employee Level: 3</p> <p>Hours Worked: 20</p> <p>Medical Insurance (Y/N): Y</p> <p>Dental Insurance (Y/N): Y</p> <p>Vision Insurance (Y/N): N</p> <p>Retirement Percentage (0-6): 4</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Danny D David</td> <td>20.00</td> <td>25.75</td> <td>515.00</td> <td>0.00</td> <td>515.00</td> <td>60.40</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>454.60</td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Danny D David	20.00	25.75	515.00	0.00	515.00	60.40							454.60	
Name	Hours	PayRate	Regular	OT	Gross	Deduc.																									
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Danny D David	20.00	25.75	515.00	0.00	515.00	60.40																									
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Boundary regular hours, One insurance, Level 3, Boundary retirement	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Ellen Edwards</p> <p>Employee Level: 3</p> <p>Hours Worked: 39</p> <p>Medical Insurance (Y/N): N</p> <p>Dental Insurance (Y/N): N</p> <p>Vision Insurance (Y/N): Y</p> <p>Retirement Percentage (0-6): 5</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ellen Edwards</td> <td>39.00</td> <td>25.75</td> <td>1004.25</td> <td>0.00</td> <td>1004.25</td> <td>55.46</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>948.79</td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Ellen Edwards	39.00	25.75	1004.25	0.00	1004.25	55.46							948.79	
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Boundary regular hours, One insurance, Level 3, Boundary retirement	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Frank Frankenstein</p> <p>Employee Level: 3</p> <p>Hours Worked: 40</p> <p>Medical Insurance (Y/N): Y</p> <p>Dental Insurance (Y/N): N</p> <p>Vision Insurance (Y/N): N</p> <p>Retirement Percentage (0-6): 6</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Frank Frankenstein</td> <td>40.00</td> <td>25.75</td> <td>1030.00</td> <td>0.00</td> <td>1030.00</td> <td>86.30</td> </tr> <tr> <td>943.70</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Frank Frankenstein	40.00	25.75	1030.00	0.00	1030.00	86.30	943.70							
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Boundary overtime hours, One insurance, Level 3, Mid-range retirement	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: George George</p> <p>Employee Level: 3</p> <p>Hours Worked: 41</p> <p>Medical Insurance (Y/N): N</p> <p>Dental Insurance (Y/N): Y</p> <p>Vision Insurance (Y/N): N</p> <p>Retirement Percentage (0-6): 2</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>George George</td> <td>41.00</td> <td>25.75</td> <td>1030.00</td> <td>38.62</td> <td>1068.62</td> <td>36.67</td> </tr> <tr> <td>1031.95</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							George George	41.00	25.75	1030.00	38.62	1068.62	36.67	1031.95							
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Mid-range overtime hours, No insurance, Level 3, Mid-range retirement	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Hilda Henderson</p> <p>Employee Level: 3</p> <p>Hours Worked: 50</p> <p>Medical Insurance (Y/N): N</p> <p>Dental Insurance (Y/N): N</p> <p>Vision Insurance (Y/N): N</p> <p>Retirement Percentage (0-6): 3</p> <p>New paycheck (Y/N): N</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>Net</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hilda Henderson</td> <td>50.00</td> <td>25.75</td> <td>1030.00</td> <td>386.20</td> <td>1416.20</td> <td>42.48</td> </tr> <tr> <td>1373.72</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Net							Hilda Henderson	50.00	25.75	1030.00	386.20	1416.20	42.48	1373.72							
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Test ID	Description	Expected Results	Actual Results																																										
Invalid Level 0	Preconditions: RobustPaycheck program started New paycheck (Y/N): Y Employee Name: Alice Anderson Employee Level: 0 <Stop program>	Enter a valid level: 1, 2, or 3. Employee Level:																																											
Invalid Level 4	Preconditions: RobustPaycheck program started New paycheck (Y/N): Y Employee Name: Alice Anderson Employee Level: 4 <Stop program>	Enter a valid level: 1, 2, or 3. Employee Level:																																											
No new paycheck	Preconditions: RobustPaycheck program started New paycheck (Y/N): N	<Program ends without output>																																											
Multiple new paychecks	Preconditions: RobustPaycheck program started New paycheck (Y/N): Y Employee Name: George George Employee Level: 3 Hours Worked: 41 Medical Insurance (Y/N): N Dental Insurance (Y/N): Y Vision Insurance (Y/N): N Retirement Percentage (0-6): 2 New paycheck (Y/N): Y Employee Name: Hilda Henderson Employee Level: 3 Hours Worked: 50 Medical Insurance (Y/N): N Dental Insurance (Y/N): N Vision Insurance (Y/N): N Retirement Percentage (0-6): 3 New paycheck (Y/N): N	<table border="0"> <thead> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> </thead> <tbody> <tr> <td>George George</td> <td>41.00</td> <td>25.75</td> <td>1030.00</td> <td>38.62</td> <td>1068.62</td> <td>36.67</td> </tr> <tr> <td colspan="7">1031.95</td> </tr> <tr> <th>Name</th> <th>Hours</th> <th>PayRate</th> <th>Regular</th> <th>OT</th> <th>Gross</th> <th>Deduc.</th> </tr> <tr> <td>Hilda Henderson</td> <td>50.00</td> <td>25.75</td> <td>1030.00</td> <td>386.20</td> <td>1416.20</td> <td>42.48</td> </tr> <tr> <td colspan="7">1373.72</td> </tr> </tbody> </table>	Name	Hours	PayRate	Regular	OT	Gross	Deduc.	George George	41.00	25.75	1030.00	38.62	1068.62	36.67	1031.95							Name	Hours	PayRate	Regular	OT	Gross	Deduc.	Hilda Henderson	50.00	25.75	1030.00	386.20	1416.20	42.48	1373.72							
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Test ID	Description	Expected Results	Actual Results
Invalid input for insurance	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Frank Frankenstein</p> <p>Employee Level: 3</p> <p>Hours Worked: 40</p> <p>Medical Insurance (Y/N): Q</p> <p><Stop program></p>	<p>Enter a "Y" or "N"</p> <p>Medical Insurance (Y/N) :</p>	
Mid-range regular hours, Two insurances, Level 3, Invalid retirement (-1)	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Danny D David</p> <p>Employee Level: 3</p> <p>Hours Worked: 20</p> <p>Medical Insurance (Y/N): Y</p> <p>Dental Insurance (Y/N): Y</p> <p>Vision Insurance (Y/N): N</p> <p>Retirement Percentage (0-6): -1</p> <p><Stop program></p>	<p>Enter a retirement percentage (0-6).</p> <p>Retirement Percentage (0-6) :</p>	
Mid-range regular hours, Two insurances, Level 3, Invalid retirement (7)	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Y</p> <p>Employee Name: Danny D David</p> <p>Employee Level: 3</p> <p>Hours Worked: 20</p> <p>Medical Insurance (Y/N): Y</p> <p>Dental Insurance (Y/N): Y</p> <p>Vision Insurance (Y/N): N</p> <p>Retirement Percentage (0-6): 7</p> <p><Stop program></p>	<p>Enter a retirement percentage (0-6).</p> <p>Retirement Percentage (0-6) :</p>	
Invalid input for new paycheck	<p>Preconditions: RobustPaycheck program started</p> <p>New paycheck (Y/N): Q</p> <p><Stop program></p>	<p>Enter a "Y" or "N"</p> <p>New paycheck (Y/N) :</p>	