Design Document and Test Plan

Name of team members who collaborated on the design and test plan:

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Name of programming challenge for which you submit this document: Reward Points

# Pseudocode

*(See Ch. 1.6 in our textbook for an example of how to write detailed pseudocode)*

*Input*: sets rides to user input

If rides == 1

Points = 3

Else if rides == 2

Points = 10

Else if rides == 3

Points = 15

Else if rides == 4

Points = 30

Else if rides >= 5

Points = 50

Else

Points = 0

END IF

# Test Plan

*(See Ch. 5.13 in our textbook for an example of how to write a test plan)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Test #** | **Purpose** | **Input** | **Expected Output** |
| 1 | See if the if statement worked | 0 | 0 |
| 2 | Testing the if statements | 1 | 3 |
| 3 | ^ | 2 | 10 |
| 4 | *^* | 3 | 15 |
| 5 | *^* | 4 | 30 |
| … | *(Feel free to add more test cases)* |  |  |