**Homework 5 – Comp5710**

**Haden Stuart – has0027**

Input values:

N = Boolean for if the customer is new member or not (True/False)

Y = Float >= 0 showing the total value of the customer’s shopping cart excluding the first membership fee

Output value:

P = Float representing total pay at cashier

Other information:

Assume all current customers choose not to pay the annual membership fee

**Answer:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case #** | **N** | **Y** | **P** |
| 1 | True | -1 | Invalid |
| 2 | True | 0 | 0 |
| 3 | True | 200 | 180 |
| 4 | True | 250 | 210 |
| 5 | True | 400 | 330 |
| 6 | False | -1 | Invalid |
| 7 | False | 0 | 0 |
| 8 | False | 200 | 200 |
| 9 | False | 250 | 230 |
| 10 | False | 400 | 350 |
| 11 | NotBoolean | 123 | Invalid |