Test cases for all Lab 5 programs

Test cases for IfTemps

|  |  |  |
| --- | --- | --- |
| Input | Excepted Output | Actually Output |
| 111 | Error and must type in valid number | Error and must type in valid number |
| 4 | Error and must type in valid number | Error and must type in valid number |
| 98 | Probably summer | Probably summer |
| 80 | Probably spring | Probably spring |
| 60 | Probably fall | Probably fall |
| 45 | Probably winter | Probably winter |

Test cases for CalcTip

|  |  |  |
| --- | --- | --- |
| Input | Excepted Output | Actual Output |
| Rating of 1 | total of 10 | 10% tip  $1.00 tip amount  $11.00 total amount | 10% tip  $1.00 tip amount  $11.00 total amount |
| Rating of 2 | total of 10 | 12.5% tip  $1.25 tip amount  $11.25 total amount | 12.5% tip  $1.25 tip amount  $11.25 total amount |
| Rating of 3 | total of 10 | 15% tip  $1.50 tip amount  $11.50 total amount | 15% tip  $1.50 tip amount  $11.50 total amount |
| Rating of 4 | total of 10 | 20% tip  $2.00 tip amount  $12.00 total amount | 20% tip  $2.00 tip amount  $12.00 total amount |
| Rating of 5 | total of 10 | 25% tip  $2.50 tip amount  $12.50 total amount | 25% tip  $2.50 tip amount  $12.50 total amount |

Test cases for SumPositives

|  |  |  |
| --- | --- | --- |
| Input | Excepted Output | Actual Output |
| 1,2,3,4,5 | 15 | 15 |
| -5, -4, -3,2,1 | 3 | 3 |
| -1, -1, -1, -1, -1, | 0 | 0 |
| 1,1,1,1,1 | 5 | 5 |

Test case for CompareNumbers

|  |  |  |
| --- | --- | --- |
| Input | Excepted Output | Actual Output |
| 1.234 | 1.235 | Yes, they are equal | Yes, they are equal |
| 1.235 | 1.245 | No, not equal | No, not equal |
| 12 | 13 | No, not equal | No, not equal |
| 12| 12 | Yes, they are equal | Yes, they are equal |