**Montgomery College**

**CMSC 203**

**Assignment 1 Design**

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| --- | --- | --- | --- | --- | --- |
| **Test Case #** | **Input** | **Actual Input** | **Expected Output** | **Actual Output** | **Did the test pass?** |
| 1 | Temp:  30  Wind chill:  20 |  | 17.361783756466327 |  |  |
| 2 | Temp:  10  Wind chill:  15 |  | -6.589534421 |  |  |
| 3 | Temp:  35  Wind chill:  23 |  | 23.16211167 |  |  |

**Pseudocode**

1. Import math

2. define temperature and windchill variables

3. insert WCI formula

4. user inputs temperature

5. temperature must be between -45 and 40. If not, error message will display.

6. user inputs wind chill temp.

7. wind speed must be between 5 and 60. If not, error message will display.

8. Use the temperature and Wind Chill temp to calculary WCI