Anh Tu Linh Hoang

CMSC 203 – 32715

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| --- | --- | --- | --- | --- | --- |
| **Test Case #** | **Input** | **Actual Input** | **Expected Output** | **Actual Output** | **Did the test pass?** |
| 1 | Temp:  30  Wind chill:  20 | Temp:  30  Wind chill:  20 | 17.361783756466327 | 17.361783756466327 | YES |
| 2 | Temp:  -10  Wind chill:  5 | Temp:  -10  Wind chill:  5 | -22.255535954192787 | -22.255535954192787 | YES |
| 3 | Temp:  20.16  Wind chill:  3.5 | Temp:  20.16  Wind chill:  3.5 | 15.116175937940350 | 15.116175937940350 | YES |

**Test 1:**

A screenshot of a computer screen

Description automatically generated

**Test 2:**

**A screenshot of a social media post

Description automatically generated**

**Test 3:**

A screenshot of a social media post

Description automatically generated

**Pseudocode:**

Declare a double variable called temperature

Declare a double variable called windSpeed

Declare a double variable called windChill

Display header

Ask user the data for temperature

Get data for temperature

Ask user the data for windSpeed

Get data for windSpeed

Calculate :

windChill = 35.74 + 0.6215 \* temperature - 35.75 \* (windSpeed ^0.16) + 0.4275 \* temperature \* ( windspeed ^ 0.16)

Display windChill result

Display programmer’s name