Pseudocode

* Declare float variable temp
* Declare float variable wind
* Declare float variable windchill
* Prompt user to enter temperature between -45°F and 40°F inclusively
* Input value from keyboard into temp
* Prompt user to enter wind speed be between 5mph and 60mpf inclusively
* Input value from keyboard into wind
* Calculate windchill using Wind Chill (°F) = 35.74 + 0.6215\*temp - 35.75(wind^0.16) + 0.4275\*temp(wind^0.16)
* Print Windchill value
* Print programmer’s name

Test Plan

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| **Test Case #** | **Input** | **Actual Input** | **Expected Output** | **Actual Output** | **Result** |
| 1. | Temp: 10  Wind speed: 45 | Temp: 10  Wind speed: 45 | -15.9 | -15.9 | Pass |
| 2. | Temp: 30  Wind speed: 20 | Temp: 30  Wind speed: 20 | 17.361783756466327 | 17.361783756466327 | Pass |
| 3. | Temp: 25  Wind speed: 10 | Temp: 25  Wind speed: 10 | 15.1 | 15.1 | Pass |