Pseudo code: Wind Chill

Declare integer variable called F (Fahrenheit)

Declare integer variable called windspeed

Declare integer variable called windChill

Ask user to enter Fahrenheit (must be >= -45 and <= 40)

Ask user to enter wind speed (must be >= 5 and <= 60)

Calculate windchill

Wind Chill = 35.74 + 0.6215 \* F - ( 35.75 \* windspeed ^ 0.16) + (0.4275T\* windspeed^0.16)

Print Windchill

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case #** | **Input** | **Actual Input** | **Expected Output** | **Actual Output** | **Did the test pass?** |
| 1 | Temp:  30  Wind chill:  20 |  | 17.361783756466327 | 17.361783756466327 | yes |
| 2 | Temp: 40  Wind speed: 10 |  | 33.64254827558847 | 33.64254827558847 | yes |
| 3 | Temp: -10  Windspeed: 60 |  | -47.53615973400851 | -47.53615973400851 | yes |