Assignment 1 PseudoCode:

Display a header for your application

Initialize wind chill, temperature

Ask for temperature (must be between -45 and 40 inclusive)

Ask for Wind Chill (must be between 5 and 60 inclusive)

Apply Wind Chill (oF) = 35.74 + 0.6215T - 35.75(V0.16) + 0.4275T(V0.16), formula

Display Wind Chill (oF)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case #** | **Input** | **Actual Input** | **Expected Output** | **Actual Output** | **Did the test pass?** |
| 1 | Temp:  30  Wind Speed:  20 | 30  20 | 17.361783756466327 | 17.361783756466327 | yes |
| 2 | Temp: -45  Wind Speed : 60 | -45  60 | -98.09634499372375 | -98.09634499372375 | yes |
| 3 | Temp: 0  Wind Speed : 5 | 0  5 | -10.509947791689996 | -10.509947791689996 | yes |