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CMSC 203

Assignment 1: Pseudocode

# Wind chill Temperature Index

1. display title of project “Wind Chill Calculator”
2. Ask the user for the Fahrenheit temperature.
3. Remind the user that temperature values should be greater than or equal to -45, but less than or equal to 40 degrees Fahrenheit.
4. Ask the user for the wind speed.
5. Remind the user that the wind speeds should be greater than or equal to 5, but less than or equal to 60 mph.
6. Calculate wind chill temperature using algorithm provided
   1. Wind Chill (F) = 35.74 + 0.6215T - 35.75(V0.16) + 0.4275T(V0.16), where
      1. V is the Wind Speed in MPH, and
      2. T is the temperature in degrees F.
7. Display result (wind chill temperature) in Fahrenheit.
8. Display name of Programmer.
9. Terminate program.