Michael Steele

Lab-3

Seat 29

#this program calculates temp with wind chill

temp = eval(input("Enter the temperature in Fahrenheit "))

wSpeed = eval(input("Enter the wind speed in miles per hour "))

if(temp > -58 and temp < 41 and wSpeed >= 2):

windChill= 35.74 + 0.6215\*temp - 35.75\*wSpeed\*\*.16 + .4275\*temp\*wSpeed\*\*.16

print('The wind chill index is', round(windChill,5))

elif(temp < -58):

print("The temperature has to be above -58 for this to be accurate")

elif(temp > 41):

print("The temperature has to be below 41 for this to be accurate")

elif(wSpeed <2):

print("The wind speed has to be above or equal to 2mph for this to be accurate")