**PSEUDO CODE:**

Step 1: Use import java.util.Scanner to allow user enter input.

Step 2: Create an input variable using Scanner variable = new Scanner (System.in)

Step 3: Greeting the user and ask them to enter the temperature.

Step 4: Create a variable called temp for the user to enter and store that data.

Step 5: Ask user to enter the win speed

Step 6: Create the variable called speed for the user to enter and store that data.

Step 7: Use formula to calculate the wind chill: Windchill = 35.74 + (0.6215\*temp) - 35.75\*(Math.*pow*(speed, 0.16)) + ((0.4275\*temp)\*(Math.*pow*(speed, 0.16)));

Step 8: Display the result of windchill after the calculation.

**TEST PLAN:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case #** | **Input** | **Actual Input** | **Expected Output** | **Actual Output** | **Did the test pass?** |
| 1 | Temp:  30  Wind chill:  20 |  | 17.361783756466327 |  |  |
| 2 | Temp: 25  Windchill:35 |  | 7.010990633287328 |  |  |
| 3 | Temp: 0  Windchill:20 |  | -21.99522271347127 |  |  |