**Module 1 Assessment Part 2**

Requirements—Part 2

You will create a Python program that will accept user input of an English color value from a given range of colors and will return the Spanish equivalent. You will use IF, ELIF, and ELSE statements along with comparison operators to evaluate the entered value and display the appropriate results to the user.

Instructions—Part 2

1. Print a string statement with a list of acceptable colors to the screen:

"Your color choices are red, blue, green, white or yellow."

2. Prompt the user to enter a color value from the list. Assign the user input to a variable (i.e., userColor).

"Enter a color from the list above: "

3. Convert the color value entered to all lowercase for easier evaluation. Use the string function lower and store the lowercase color in a new variable (i.e., color).

4. Create a variable named validColor and set it to a value of true.

5. Using a series of IF/ELIF statements, evaluate the color and set a new variable (i.e., spanishColor) to the appropriate Spanish equivalent. Use a final else statement if a valid color was not entered, and assign the validColor flag to a value of false.

red = rojo

blue = azul

green = verde

white = blanco

yellow = amarillo

6. Create a final IF/ELSE statement to evaluate the validColor flag. If a valid color was entered, use string concatenation to display the English color (color) and its Spanish equivalent (spanishColor). If not, display a message indicating a valid color was not entered.

EXAMPLE OUTPUT—Part 2

Your color choices are red, blue, green, white or yellow.

Enter a color from the list above: rEd

The color red in Spanish is rojo

Your color choices are red, blue, green, white or yellow.

Enter a color from the list above: black

That is not a valid color for this program. Ese no es un color válido.