Mirror Problems:

1. We are going to check to see if the user enters 2 colors and each color entry must be different. You also need to make sure that they entered either “red”, “yellow” or “blue” for each entry. Error messages and print are below.

    - print("Error: The first color you entered is invalid")
    - print("Error: The second color you entered is invalid")
    - print("Error: The two colors you entered are the same")

    - Color1 is red
        i. Color2 is blue – make purple
        ii. Color2 is yellow – make orange
    - Color1 is blue
        i. Color2 is red – make purple
        ii. Color2 is yellow – make green
    - Color1 is yellow
        i. Color2 red – make orange
        ii. Color2 blue – make green

2. You want to know if your BMI is within a good range. You need your weight and height before you can determine this. to calculate the BMI, you need to

    BMI = weight*(BODY_MASS_MULTIPLIER)/(height* height)

    Where the mass multiplier is 703
    then you can determine the print:

    The optimal number is between 26 and 18.4. the following are your prints:

    “you are overweight” – BMI is too high

    “you are underweight” – BMI is too low

    “your weight is optimal” – BMI is in the acceptable range