Programming Project 4

The colors red, blue, and yellow are known as the primary colors because they cannot be made by mixing other colors. When you mix two primary colors, you get a secondary color:

When you mix red and blue, you get purple.
When you mix red and yellow, you get orange.
When you mix blue and yellow, you get green.

Write a program that prompts the user to enter the names of two primary colors, one at a time. If the user enters anything other than "red," "blue," or "yellow," the program should print "You didn't input two primary colors." Otherwise, it should print a message in the following format: "When you mix red and blue, you get purple." (Assuming the user entered "red" and "blue".)

Answer

```
pc1=input("Enter primary color:")
pc2=input("Enter primary color:")
if (pc1=='red' and pc2=='blue') or (pc1=='blue' and pc2=='red'):
    print("When you mix red and blue, you get purple.")
elif (pc1=='red' and pc2=='yellow') or (pc1=='yellow' and pc2=='red'):
    print("When you mix yellow and red, you get orange.")
elif (pc1=='blue' and pc2=='yellow') or (pc1=='yellow' and pc2=='blue'):
    print("When you mix blue and yellow, you get green.")
else:
    print("You didn't input two primary colors.")
```