Programming Assignment 6

Chapter 3

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#1 #2 #3 #5 will all be saved IN THE SAME  **lastnameP6.py**

#1 #2 #3 all should run! #5 is just a decision structure- make sure #5 is last

#4 will be a pic or a word doc.

You will zip your .py & your word doc/pic in 1 folder named lastnameP6.py and email to me.

2.) Write an **if/else/elif** program that asks a user for their favorite color. Put a statement in that if the person chooses yellow the program will return “Yellow is also my favorite color” and if the person puts red it will say “Red is the color of my favorite roses.” For all other colors the response should be “That is an interesting color choice.” Test the program with yellow, red and two other colors.

3.) Write a program that asks a user for 2 numbers. If the numbers total more than 100 tell them their numbers are greater than 100, if they total less than 100 tell them their numbers total less than 100.

4.) Draw a flowchart for the each of the decision structures in Questions 1, 2, 3

\*you can include a snapshot or use a program to draw the flowcharts

Diagram, engineering drawing

Description automatically generatedDiagram

Description automatically generatedDiagram, engineering drawing

Description automatically generated

5.) In the book page 155. Wi-Fi Diagnostic Tree. This is an if/else program. NOTHING ELSE. Follow the diagram (page 156) and write the decision structure. You are not declaring variables**, you are only writing the Decision** **Structure of the program**. You should NOT have any “answers” in your program.

You should only have :

* + If statements
  + Else statements
  + Print statements
  + Response statements