Python Programming Concepts & Exercises

1. Given the total seconds, compute and print equivalent hours, minutes, and seconds using arithmetic operations.

2. Assign the price and quantity of two products. Calculate the total cost including 18% tax. Print a detailed bill.

3. Compute the perimeter and area of a circle given a radius. Use the value of π from the math module.

4. Given a temperature in Celsius, convert it to Fahrenheit using the formula and print both values.  
 (F = C × 9/5 + 32)

5. What is a compiled language? What is an interpreted language?  
 Explain pros and cons of each. How hybrid languages bring in advantages of both.

6. Draw the diagram of how a Python program is executed.