Assignment 1

- Q1) Convert the following Single-Precision Binary to Decimal.
- Q3) Predict what the following code will print and whether it will execute or throw an error. Test your predictions by running the code in Python. Were your predictions correct?
 - i) print("Hello","World")
 - ii) print("two plus two is: " + 4)
 - iii) print("Python was first launched in ", 1989)
- Q2) Python's built-in Math provides us access to some common math functions as well as certain constants. Try using the math library to evaluate the following:
 - i) Absolute value of -17.5
 - ii) Roots of the quadratic equation $x^2 + 5x + 6$
 - iii) Circumference of a circle with radius 5
 - iv) Volume of a Cylinder with diameter 10 and height 25
 - v) Log₈ 64
 - vi) $7 e^{-3}$

You can view all the different functionalities of Python Math Library using the command help(math). Alternatively, you can use the following link for reference:

All Mathematical Functions Defined under Math Module in Python 3 (programiz.com)