**ASSIGNMENT 7**

Q1. What is the purpose of the try statement?

Ans: try statement is the starting of the try block which contains code to be executed for checking errors in it.

Q2. What are the two most popular try statement variations?

Ans: The two most popular try statement variations are try/except and try/except/except.

Q3. What is the purpose of the raise statement?

Ans: Raise statement is used to throw an error in the program. Syntax for using the raise statement is:

‘raise Exception(line to be printed as error)’.

Q4. What does the assert statement do, and what other statement is it like?

Ans: Assert statement will check a statement for the errors. If the statement returns an error, then the assert statement will become false and the compiler will throw an AssertionError. Assert statements are like Boolean expressions.

Q5. What is the purpose of the with/as argument, and what other statement is it like?

Ans: with/as arguments are used in file handling programs. With/ as statement will open the file and closes it automatically after the required modification is done. It is like open() and close() statements used to handle files.