Q1. What is the purpose of the try statement?

Ans=> try statement is use for doubted code if it has any kind of error it will got to except statement and throws an error.

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

Ans=>try except and try except else

Q3. What is the purpose of the raise statement?

Ans => it is used to raise an exception

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

Ans=>the assert statement is used to continue the execute if the given condition evaluates to True. If the assert condition evaluates to False, then it raises the AssertionError exception with the specified error message

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

Ans => with statement in Python is used in exception handling to make the code cleaner and much more readable. It simplifies the management of common resources like file streams. Observe the following code example on how the use of with statement makes code cleaner