Q1. What is the purpose of the try statement?

Ans:

The purpose of try statement is to execute the set of code under it’s section which will further be have the chance of exception and once being set of instruction under the try block means it’s need to be tested before execution .

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

Ans:

Doubt with the question

Q3. What is the purpose of the raise statement?

Ans:

When we want python to provide exception in condition our own choice.

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

Ans:

Assert statement is used while we debug code and it let us test either the statements in the code is true or not. when it’s False it raise the AssertError. Afterward it need to be verified .

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

Ans:

Purpose of with statement in python is to make the code more compact , readable and cleaner .with statement also help to avoid bugs and leaks and it ensures the resource is completely released whenever the code using resource is exhausted completely .