Q1. What is the purpose of the try statement?

Answer> he try statement catches and recovers from exceptions—it specifies a block of code to run, and one or more handlers for exceptions that may be raised during the block’s execution.

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

Answer> The two common variations on the try statement are try/except/else (for catching exceptions) and try/finally.

Q3. What is the purpose of the raise statement?

Answer> The raise statement raises (triggers) an exception. Python raises built-in exceptions on errors internally, but your scripts can trigger built-in or user-defined exceptions with raise, too

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

Answer> The assert statement raises an AssertionError exception if a condition is false. It works like a conditional raise statement wrapped up in an if statement, and can be disabled with a –O switch.

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

Answer> The with/as statement is designed to automate startup and termination activities that must occur around a block of code. It is roughly like a try/finally statement in that its exit actions run whether an exception occurred or not, but it allows a richer object-based protocol for specifying entry and exit actions, and may reduce code size.