Q1. What is the purpose of the try statement?

Try statement is used to run a code block in which we expect an error to occur. Using the try statement we can handle the error and instruct the program on what to do in case an error occurs.

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

except statement is used when we expect an error to occur which may be known or unknown

finally is used to execute code regardless of an error occurring

Q3. What is the purpose of the raise statement?

raise statement is used to manually raise an exception depending on certain condition

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

assert statement is used to verify the validity of a condition. The code will continue execution only if the conditions are met, else an assertion error is raised

It is similar to the raise statement

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

With/as statement is similar to try/except blocks and is used for exception handling.

This is done to make code cleaner and simpler to write