Q1. What is the purpose of the try statement?

**Python's try statement** is a means which we can use to handle errors gracefully. If the error is handled properly, execution of the code does not produce error status and there is no output to stderr

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

1. try:

except FirstException:

handle\_first\_one()

1. try:

...

except FirstException:

handle\_first\_one()

except SecondException:

handle\_second\_one()

Q3. What is the purpose of the raise statement?

The raise statement does two things: it creates an exception object, and immediately leaves the expected program execution sequence to search the enclosing try statements for a matching except clause. ... The exception object created by raise can contain a message string that provides a meaningful error message.

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

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?

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.