**Q1. What is the purpose of the try statement?**

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

**Q3. What is the purpose of the raise statement?**

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

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

**SOLUTIONS**

*1. The purpose of the try statement is to enclose a block of code that may raise an exception and allow for the handling of that exception.*

*2. The two most popular try statement variations are try-except and try-finally.*

*3. The purpose of the raise statement is to explicitly raise an exception in Python, which can then be caught and handled by an appropriate exception handler.*

*4. The assert statement is used to test a condition and raise an AssertionError if the condition is not true. It is similar to the if statement.*

*5. The purpose of the with/as statement is to simplify the management of resources, such as files, sockets, and locks, by automatically releasing them when they are no longer needed. It is similar to the try-finally statement.*