**Q.19 How Do You Handle Exceptions With Try/Except/Finally In Python? Explain with coding snippets.**

**ANS:** In Python, the **try**, **except**, and **finally** blocks are used for exception handling. Here's how you can use them:

1. **try block**: You put the code that might raise an exception inside this block.
2. **except block**: You specify the code to execute if an exception occurs within the **try** block.
3. **finally block**: This block is optional. It allows you to execute code whether an exception occurred or not. It's typically used for cleanup tasks.

**try:**

**# Code that might raise an exception**

**x = int(input("Enter a number: "))**

**result = 10 / x**

**print("Result:", result)**

**except ValueError:**

**# This block will execute if a ValueError occurs**

**print("Please enter a valid number.")**

**except ZeroDivisionError:**

**# This block will execute if a ZeroDivisionError occurs**

**print("Cannot divide by zero.")**

**finally:**

**# This block will always execute, regardless of whether an exception occurred or not**

**print("This code always runs, regardless of exceptions.")**