**• Introduction to exceptions and how to handle them using try, except, and finally.**

**Ans:-** The try block contains the code that may raise an exception.

Ex.

try :

print(x)

expct:

print(this exception )

The except block handles the exception if one occurs.

Ex.

Except

Try:

Print(x)

Except NameError:

Print(“this is values is not used method”)

Except:

Print(“something this values can also used ”)

The finally block contains code that should always be executed, whether an exception occurred or not.

Ex.

Try:

Print(x)

Except:

Print(“something the values can also used ”)

Else:

Print(“this can also the values can also used this method ”)

Finally:

Print(“this used can also this finally methd”)

**2. • Understanding multiple exceptions and custom exceptions.**

Ans-Python lets you catch multiple exceptions in a single except block using a tuple of exception types or by having multiple except blocks for different error handling scenarios

Ex:

try:

# Some code that may raise an exception

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

result = 10 / x

except (ValueError, ZeroDivisionError) as e:

print(f"An error occurred: {e}")