* ZeroDivisionError = occurs when you try to divide a number by zero. e.g. num = int(input(“Enter num: “)

calc= 5 / num

* KeyError = occurs when searching for a key that doesn’t exist

my\_dict = {'a': 1, 'b': 2, 'c': 3}

try:

value = my\_dict['d']

except KeyError as e:

print(f"KeyError: {e}")

* TypeError = when an operand or argument is passed to a function that is incompatible with the type expected by that operator or function

result = “5” + 3

* ValueError = occurs when a correct argument type but an incorrect value is supplied to a function

try:

number = int("abc")

except ValueError as e:

print(f"ValueError: {e}")

* NameError = raised when the program attempts to access or use a variable that has not been defined or assigned a value

result = x + 5

* FileNotFoundError = an exception that is raised when a program tries to access a file that doesn’t exist

try:

with open("nonexistent\_file.txt", "r") as file:

content = file.read()

except FileNotFoundError as e:

print(f"FileNotFoundError: {e}")