### DAY 8

# List down all the error types and check all the errors using a python program for all errors.

# AssertionError => Raised when an assert statement fails. AttributeError => Raised when attribute assignment or reference fails. EOFError => Raised when the input() function hits end-of-file condition. FloatingPointError => Raised when a floating point operation fails. GeneratorExit => Raise when a generator's close() method is called. ImportError => Raised when the imported module is not found. IndexError => Raised when the index of a sequence is out of range. KeyError => Raised when a key is not found in a dictionary. KeyboardInterrupt => Raised when the user hits the interrupt key (Ctrl+C or Delete). MemoryError => Raised when an operation runs out of memory. NameError => Raised when a variable is not found in local or global scope. NotImplementedError => Raised by abstract methods. OSError => Raised when system operation causes system related error. OverflowError => Raised when the result of an arithmetic operation is too large to be represented. ReferenceError => Raised when a weak reference proxy is used to access a garbage collected referent. RuntimeError => Raised when an error does not fall under any other category. StopIteration => Raised by next() function to indicate that there is no further item to be returned by iterator. SyntaxError => Raised by parser when syntax error is encountered. IndentationError => Raised when there is incorrect indentation. TabError => Raised when indentation consists of inconsistent tabs and spaces. SystemError => Raised when interpreter detects internal error. SystemExit => Raised by sys.exit() function. TypeError => Raised when a function or operation is applied to an object of incorrect type. UnboundLocalError => Raised when a reference is made to a local variable in a function or method, but no value has been bound to that variable. UnicodeError => Raised when a Unicode-related encoding or decoding error occurs. UnicodeEncodeError => Raised when a Unicode-related error occurs during encoding. UnicodeDecodeError => Raised when a Unicode-related error occurs during decoding. UnicodeTranslateError => Raised when a Unicode-related error occurs during translating. ValueError => Raised when a function gets an argument of correct type but improper value. ZeroDivisionError => Raised when the second operand of division or modulo operation is zero.