Different types of Errors

* Indentation error:

The indentation error can occur when the spaces or tabs are not placed properly. There will not be an issue if the interpreter does not find any issues with the spaces or tabs.

* Value error:

it is raised when a user gives an invalid value to a function but is of a valid argument. It usually occurs in mathematical operations that will require a certain kind of value, even when the value is the correct argument.

* Key error:

If a key error occurs, the key you are looking for is not defined or present in the dictionary.

* Name error:

That occurs when executing a function, variable, library, or string without quotes that have been typed in the code without any previous Declaration.

* File not found:

 No such file or directory error is often raised by the os library. This error tells you that you are trying to access a file or folder that does not exist.

* Module error:

The most common cause of this error is forgetting to install a module or importing a module incorrectly**.**

* Index error:

an exception in python occurs when we try to access an element from a list or tuple from an index that is not present in the list.

* Keyword error:

 A Python Key Error exception is what is raised when you try to access a key that isn't in a dictionary ( dict ).

* Os error:

OS Error is a built-in exception in Python and serves as the error class for the os module, which is raised when an os specific system function returns a system-related error, including I/O failures such as “file not found” or “disk full”.

* Type error:

Type Error is an exception in Python programming language that occurs when the data type of objects in an operation is inappropriate. For example, If you attempt to divide an integer with a string, the data types of the integer.

* Zero division error:

Zero Division Error occurs when a number is divided by a zero.  Python interpreter throws “Zero Division Error division by zero” error if the result is an infinite number.

* Syntax error:

Syntax errors are produced by Python when it is translating the source code into byte code. They usually indicate that there is something wrong with the syntax of the program.

* Import error:

Import Error occurs when the Python program tries to import module that does not exist in the private table.

Exception handling









