Home Work - Day 17

Python Exceptions and Errors Handling

The below list contains the solution to the common questions and challenges you can face working on Exceptions and Error in Python.

1. Create a Python program to handle a **ZeroDivisionError** exception when dividing a number by zero using the input function.

2. Create a Python program that prompts the user to input an integer and raises a **ValueError** exception if the input is not a valid integer.

3. Create a Python program that opens a file and handles a **FileNotFoundError** exception if the file does not exist.

4. Create a Python program that prompts the user to input two numbers and raises a **TypeError** exception if the inputs are not numerical.

5. Create a Python program that opens a file and handles a **PermissionError** exception if there is a permission issue.

6. Create a Python program that executes an operation on a list and handles an **IndexError** exception if the index is out of range.

7. Create a Python program that prompts the user to input a number and handles a **KeyboardInterrupt** exception if the user cancels the input.

8. Create a Python program that executes division and handles an **ArithmeticError** exception if there is an arithmetic error.

9. Create a Python program that executes a list operation and handles an **AttributeError** exception if the attribute does not exist.

10. Create a python program to implement the **try, except** and **finally** block in employee record.

11. Create a python program to implement the **try, except** and **finally** block in student record.