**Project 3A – Exception Handling**

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**Description: -**

The Project is designed to throw 4 exceptions which are a s follows:-

1. Format Exception
2. Overflow Exception
3. Divide by Zero Exception
4. number cannot start with 5 (custom Exception)

**Example of Bad Data:-**

1. **Format Exception**

The variables declared for calculation and display of output consist of Decimal data type so when we enter a character in one of the two text box or both the text box it throws a format exception

**Eg:- For First and Second Text Box:- @acsd, 123sdv, abc234**

1. **Overflow Exception**

The limit of the first text box I.e Enter First No. Is set to 8000 so any number above 8000 when entered in first text box it will throw an overflow exception.

**Eg:- For First Text Box:-** **8001, 8010, 9000, 8050 and any number greater than 8000**

1. **Divide By Zero Exception**

This exception occurs when a number is divided by zero so when we enter 0 in the second text box I.e Enter Second no. It will throw an divide by Zero Exception.

**Eg:- For Secod Text Box:- 0**

1. **number cannot start with 5 (custom Exception)**

This exception occurs when the number entered in the first text box I.e Enter first no starts with 5. It throws an exception that says a number cannot start with 5 for the first text box.

**Eg:- For First Text Box- 5,50,500,5000-5999**

**Git Hub Repo link:-** https://github.com/naikk84/NaikProject3A