

# DAY 12 ASSIGNMENT

## (BY G V S S SRI LASYA)

1. What is Exception Handling and why we need exception handling.

- Exception Handling :

It is a mechanism to detect and handle run time errors in code. It uses try-catch-finally blocks

a) **try** : The code to be tested for exceptions is put in try block

b) **catch** : The action to be taken when an exception is encountered is put here

c) **finally** : The code to be executed irrespective of occurrence of an exception is put here.

- Why we need exception handling?

To handle errors in user friendly way without displaying any system generated error message or letting the app crash.

2) Write the 5 points I explained about exception handling.

- To handle errors in user friendly way without displaying any system generated error message or letting the app crash.
- Uses try-catch-finally blocks
- A single try block can have multiple catch blocks
- General exception should be kept at last
- Statements of “finally” block will be definitely executed irrespective of occurrence of exceptions.

3) Research and write atleast 6 exceptions that occur in C# with sample code.

- System.IO.IOException:

Thrown when something goes wrong in input,output operations.It is parent of some more specific exceptions like PathTooLong exception,FileNotFoundException,DirectoryNotFoundException,EndOfStreamException,FileLoadException....