**Today’s Topics:**

* Exception handling
* File handling

**Exception handling:**

**Exception**: exception is runtime error which may or may not occur at run time

**Handling**: tackle the error when error will occur

Objective of exception handling:

* customization of error message , show user friendly message
* prevent the program/code from failure due to single or few errors
* maintain the error log or notify the error logs

There are following inbuilt keywords:

* try : logical code should be written in this block
* catch : receive or catch the error when try will throw the error
* finally : is block which executes always either exception will occur or not (if finally block is present)
* throw : user define error , create the error based on user given condition
* throws : is alternate way to allow the code for compilation

Syntax:

try{

}

catch(ArithmeticException ex){

}

catch(ArrayOutOfIndexException ex){

}

catch(Exception ex){ // Exception : is inbuilt class which can handle any type or error

}

Finally{ }

**Note:** can we implement multiple catch block with one try? yes (however Exception block should be at end if Exception block is present)

**File Handling:** read and write operation from and with file

There are following inbuilt class and methods

* FileReader
* BufferedReader
* FileWriter
* BufferedWriter

Methods:

* readLine()
* close()
* newline()

Q. wap to get row count from file

Q. wap to get given word is present in file or not(find given word)

Q. wap to get count of given word from file