JAVA LAB

5th chapter

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March 13, 2019

Throw

Throw:
It is used to explicitly throw an exception from a method or any block of code. It can be checked or unchecked exception. The throw keyword is mainly used to throw custom exceptions.
Here is the example of Throw keyword

Throws

Throws: Throws keyword is used to indicate that the method will throw one or more exceptions.
We should either handle exceptions by try,catch block or by throws keyword otherwise compiler will show an error.
Here is example of Throws keyword

creating own exception class

We can create our own exception class by extending the class with Exception class.

syntax:-class OurOwnException extends Exception{

.....

.....

} Here is the sample program for custom exception

Introduction to I/O

Java I/O (Input and Output) is used to process the input and produce the output. Java uses the concept of a stream to make I/O operation fast. The java.io package contains all the classes required for input and output operations.
A stream is a sequence of data.
In Java, 3 streams are created for us automatically. All these streams are attached with the console.

1. **System.out:** standard output stream.
2. **System.in:** standard input stream.
3. **System.err:** standard error stream.

Here is the example of I/O