- If several methods of a class are probable to fire an exception, it becomes difficult to manage writing try-catch constructs in each method.
- This can be simplified by using throws.

- Used by method and constructor definitions which may fire exceptions but not willing to handle.
- Instructs the compiler to enforce the calling program to handle the exception (Checked Exceptions only).

```
public void readFile(String fileName) throws
FileNotFoundException {
         //Statements
}
public void openFile(String fileName) {
         readFile(fileName); //ERROR
}
```

- In most cases, JRE is responsible for firing an exception; but sometimes it might be necessary to fire an exception forcefully.
- This can be accomplished by using throw clause.

• Syntax: throw <Throwable>

```
• E.g.
if (<condition>) {
    Exception ex = new Exception();
    throw ex;
}
```

- Sometimes, it becomes necessary to create a domain specific exception and throw it explicitly.
- Such exceptions are known as User Defined exceptions.

- User defined exceptions are generally customized by creating a class that inherits either Exception or RuntimeException.
- E,g,

 public class LowBalanceException extends Exception {...}

• Once, a user defined exception class is created it can be used to raise an exception forcefully depending upon the condition.

```
public void withdraw(float amount)
throws LowBalanceException {
    if (balance < amount) {</pre>
         String msg = "Low Balance!!";
         LowBalanceException lx =
         new LowBalanceException (msg);
         throw lx;
```