User defined Exception

```
package customExceptionProgram;
public class OwnException extends Exception
{
// Declare default constructor.
OwnException()
{

 }
}
public class MyClass {
public static void main(String[] args)
{
try
{
// Create an object of user defined exception and throw it using throw clause.
   OwnException obj = new OwnException();
   throw obj;
 }
catch (OwnException ex)
{
  System.out.println("Caught a user defined exception");
 }
 }
}
```

```
public class OwnException extends Exception
{
// Declare parameterized constructor with String as a parameter.
OwnException(String str)
{
  super(str); // Call super exception class constructor.
```

```java
  }
}
public class MyClass {
public static void main(String[] args)
{
try
{
// Create an object of user defined exception and throw it using throw clause.
  OwnException obj = new OwnException("Creating user defined exception");
  throw obj;

// or, throw new OwnException("Creating user defined exception");
 }
catch (OwnException ex)
{
  System.out.println("Caught a user defined exception");
  System.out.println(ex.getMessage());
 }
 }
}
```

```java
public class InvalidAgeException extends Exception
{
// Declare a parameterized exception with string str as a parameter.
  InvalidAgeException(String str)
  {
    super(str);
  }
}
import java.util.Scanner;
public class TestClass
{
private static int age;
static void validate() throws InvalidAgeException
{
```

```java
Scanner sc = new Scanner(System.in);
System.out.println("Enter your age");
age = sc.nextInt();

if(age < 18)
throw new InvalidAgeException("Invalid Age, You are not eligible to vote");
else
System.out.println("Welcome to vote");
}
public static void main(String[] args)
{
try
{
 validate();
}
catch(Exception e)
{
  System.out.println("Caught an Exception: \n "+e);
 }
 }
}
```