

siit → right click → New → Class → Name: \_\_\_\_\_ → Finish

01-07-2024

append - adds last  
insert; delete; replace; reverse; ensureCapacity

→ package sreeja;  
public class Demo

Buffer, jerry

```
{  
    public static void main (String args[])  
    {  
        StringBuffer sb1 = new StringBuffer("hello");  
        sb1.append("students");  
        sb1.append(25);  
        sb1.append(2.5);  
        System.out.println(sb1);  
        sb1.insert(5, "boys");  
        System.out.println(sb1);  
        sb1.delete(5, 9);  
        System.out.println(sb1);  
        sb1.replace(5, 13, "boys");  
        System.out.println(sb1);  
        System.out.println(sb1.reverse());  
        sb1.ensureCapacity(50);  
        System.out.println(sb1.capacity());  
    }  
}
```

o/p: - hello students 25 2.5  
helloboys 25 2.5  
5.252 syoholleh  
90

→ sb1.replace()  
→ sb1.reverse()  
→ sb1.capacity()



## \* Palindrome of a String :-

Run as → Run Configuration

WAP To check whether a given string is Palindrome or Not.

Supply the string from true command line arguments :-

→ package sweja;

public class Demo {

public static void main (String args[])

{  
StringBuffer sb = new StringBuffer(args[0]);

sb.reverse();

if (args[0].contentEquals(sb))

System.out.println("Palindrome");

else

System.out.println("Not Palindrome");

}

}

RIGHT CLICK  
Run as → Run Configuration  
Arguments → ~~args~~ %p in Program arguments  
→ RUN

Palindrome - of - a - string.java



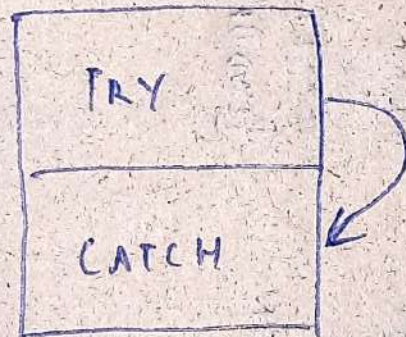
## EXCEPTIONAL HANDLING :-

Exceptions are run time errors which are raised during run time of the program.

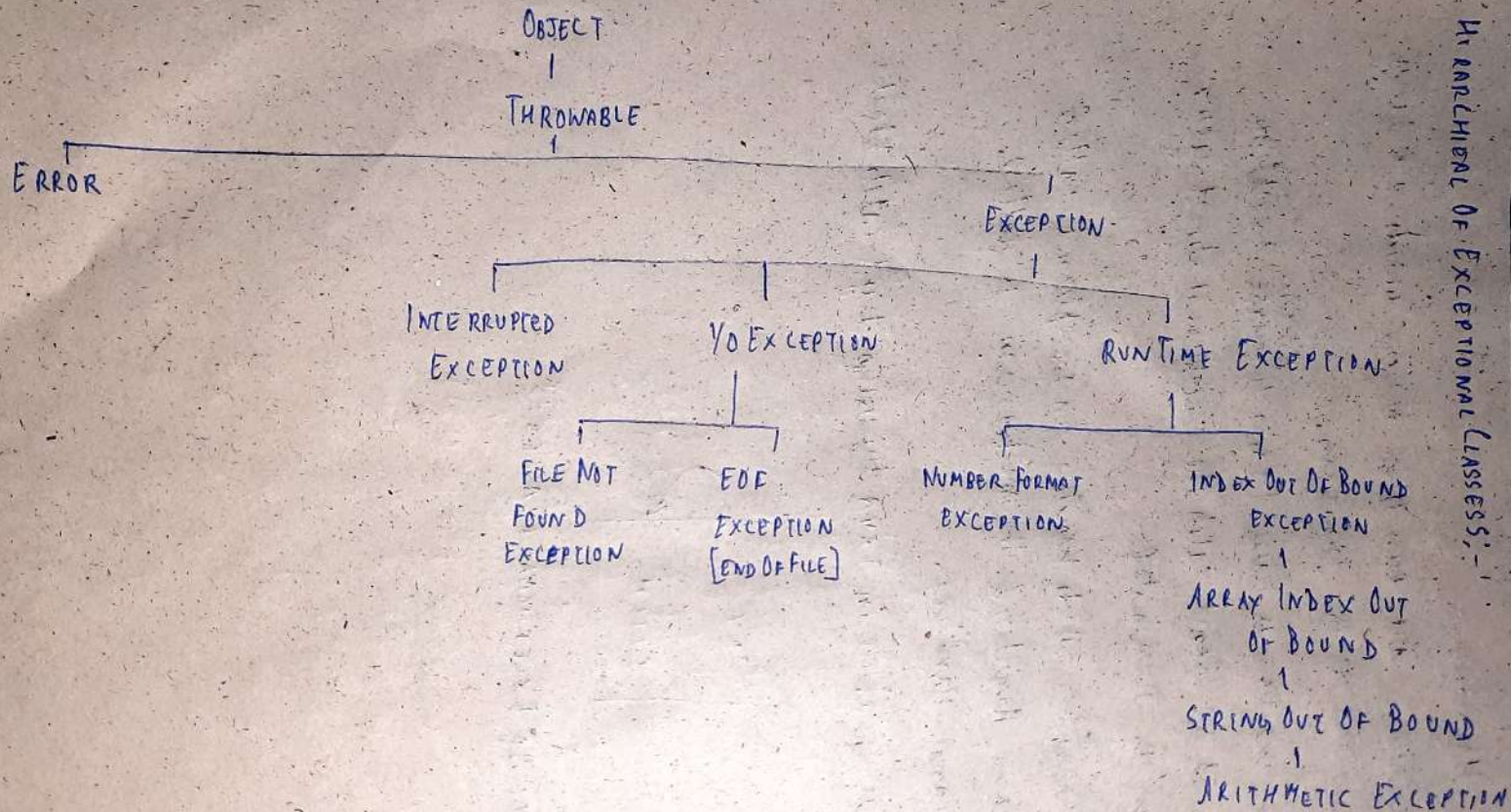
When exception is raised JVM <sup>throws</sup> exception object. If we donot catch the exceptional object your program is terminated.

The handler which handles an exception is called Exceptional Handler & the mechanism is called Exceptional Handling.

It is possible in JAVA by using try & catch blocks.









→ package Sreeja;

```
public class Demo {
```

```
    public static void main (String ar[])
```

```
    {
        int a = Integer.parseInt (ar[0]);
```

```
        int b = Integer.parseInt (ar[1]);
```

```
        try
```

```
        {
```

```
            int c = a/b;
```

```
            System.out.println (c);
```

```
        }
```

```
        catch (ArithmeticException e)
```

```
        {
```

```
            System.out.println (e);
```

```
        }
```

```
        System.out.println ("Program Continued");
```

```
    }
```

```
}
```

Yp:- 100 2

Op:- 50

Program Continued

RIGHT CLICK

RUN AS → RUN CONFIGURATION

ARGUMENTS → Yp IN PROGRAM ARGUMENTS

→ RUN

Exceptional - Handling . java