

```

1 try
2 {
3     stmt-1
4     stmt-2
5     stmt-3
6 }
7 catch (X e)
8 {
9     stmt-4
10 }
11 stmt-5
12
13 case-1: If there is no exception:
14 -----
15 1,2,3,5 Normal termination
16
17 case-2: If exception at stmt-2 and the corresponding catch block matched?
18 -----
19 1,4,5,normal termination
20
21 case-3: If exception at stmt-2 and the corresponding catch block not matched?
22 -----
23 1,abnormally termination
24

```

Multiple catch block with one try

try with multiple catch blocks

```
try
{
    read data from the remote file
    write data to the oracle database
    send data over the network
}
catch(FileNotFoundException e)
{
    use some local file
}
catch(SQLException e)
{
    use some other database like mysql
}
catch(NetworkException e)
{
    use alternative network
}
```

Finally return always have more priority

```

1 class Test
2 {
3     public static void main(String[] args)
4     {
5         System.out.println(m1());
6     }
7     public static int m1()
8     {
9         try
10        {
11            return 777;
12        }
13        catch(NullPointerException e)
14        {
15            return 888;
16        }
17        finally
18        {
19            return 999;
20        }
21    }
22 }
23
24

```

999

Throws keyword handovering the handling system

```

1 class Test
2 {
3     public static void main(String[] args) throws InterruptedException
4     {
5         doStuff();
6     }
7     public static void doStuff() throws InterruptedException
8     {
9         doMoreStuff();
10    }
11    public static void doMoreStuff() throws InterruptedException
12    {
13        Thread.sleep(3000);
14    }
15 }

```

We have delegate child to parent one by one that's why if only main throws the exception it will not valid .

```

1 class Test
2 {
3     public static void main(String[] args) throws InterruptedException
4     {
5         doStuff();
6     }
7     public static void doStuff()
8     {
9         doMoreStuff();
10    }
11    public static void doMoreStuff()
12    {
13        Thread.sleep(3000);
14    }
15 }

```