

**Title of the content : Exception Handling**

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### **EXCEPTION HANDLING NOTES**

The exception in simple words is nothing but when we handle the incorrect it is called as an Exception

Types of an Exception:

1.Checked Exception(Compile time Exception )

Example: File not found

2.Unchecked Exception (Runtime Exception )

Example :Array index out of bound

Stack Call Mechanism :

One try block as multiple catch block

Example:

Try

{

int a=10,b=0;

int arr[]=null;

S.O.P(arr[1]);

C=a/b;

}

Catch(Null pointer Exception e) {

}

Catch(Arithmetic Exception e) {

}

Finally block:

This block is executed it may or may not throws an Exception .

Nested Exception:

Example Format:

Try{

Try

```
{
```

```
}
```

```
Catch(Exception e)
```

```
{
```

```
}
```

```
}
```

```
Catch (Exception e){
```

```
}
```