04/03/2023, 17:01 OneNote

## Session-17 try-catch-finally

Thursday, August 25, 2022 5:12 PM

16<sup>th</sup> faltu ka session tha.

## **Type Of Errors**

- Compile Time Error / Checked Error
  - Syntax error
  - Semantic error
- 2. Run Time error / Unchecked Error

A Runtime error is called an **Exceptions** error. It is any event that interrupts the normal flow of program execution. Example for exceptions are, **arithmetic exception**, **Null pointer exception**, **Divide by zero exception**, etc. It is an **object which is thrown at runtime**.

Compile time error:- Which come before the execution of running the program.

- Syntax error:- declaration of int a as in a.
- Semantic error :- not declare the variable before using it.

Runtime time error:- which comes on running the programs.

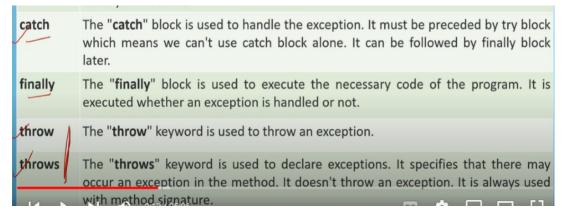
## What Are Exceptions

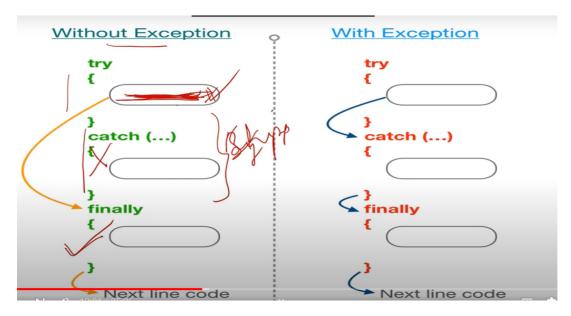
execution of program instruction and disrupts the normal flow of the program.

## Why Do We Need Exception Handling Code block { statement 1; statement 3; statement 4; statement 5; statement 6; statement 7; statement 8; statement 9;

Keyword	Description
try	The "try" keyword is used to specify a block where we should place an exception code. The try block must be followed by either catch or finally. It means we can't use try block alone

04/03/2023, 17:01 OneNote





```
| D. New_023_inhe_ | D. New_001_inc_ | D. C\User\aka_ | E. testing.xml | D. LandingPage_ | D. MasterPagejava | D. WebDriver.class | D. stingadd.java | D. New_048_tny_ x | D. New_048_tny_
```