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“finally” block in Java

=> finally block :-

- ➔ finally is the block which is always executes after try or catch block
- ➔ finally block contains resource closing code for example database connection, reading or writing from file etc

=> Java 7 Updates for Exception Handling :-

1. Multi-catch block :

- ➔ Before Java 7 version, we can catch only one exception type in each catch block. So whenever we needed to handle more than one specific exception, but take same action for all exceptions, then we had to have more than one catch block containing the same code.
- ➔ But from Java 7.0 version, it is possible for a single catch block to catch multiple exceptions by separating each with | (pipe symbol) in catch block.
- ➔ Syntax :
Catch(Exception1 | Exception2 | - | e) {body}

2. try with resource :-

- ➔ try with resource is used to automatically close the resources that the programmer has created
- ➔ try with resource can contain only that class which inherits AutoCloseable interface
- ➔ Due to "try with resource", the importance of "finally" block has decreased
- ➔ Syntax :

```
try(Resource1; Resource2; -; -)
```

```
{ body }
```

```
catch(ExceptionClassName e)
```

```
{ body }
```

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