**\*\* Exception \*\***

1. **Exception**  :- Exception is an abnormal condition.
2. An exception is an unwanted and unexpected event which occurs during the execution of a program.
3. At the run time that disrupts the normal flow of the program is known as Exception.

## What is Exception Handling?

1. Exception Handling is a mechanism to handle runtime errors such as ClassNotFoundException, IOException, SQLException, RemoteException, etc.



### Types of Exceptions

There are mainly two types of exceptions.

1. Checked Exception
2. Unchecked Exception

An error is considered as the unchecked exception. However, according to Oracle, there are three types of exceptions namely:

1. Error



### Checked Exception :-

1. Checked exceptions are checked at compile-time.
2. The classes that directly inherit the Throwable class except RuntimeException and Error are known as checked exceptions. For example, IOException, SQLException, etc.

### Unchecked Exception

### Unchecked exceptions are not checked at compile-time, but they are checked at runtime.

### The classes that inherit the RuntimeException are known as unchecked exceptions. For examples , ArithmeticException, NullPointerException, ArrayIndexOutOfBoundsException, etc.

### Error :- Error is irrecoverable. Some examples of errors are OutOfMemoryError, VirtualMachineError, AssertionError etc.

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