Exception Handling

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Exception Handling :

- The **Exception Handling** is one of the powerful *mechanism to handle the runtime errors* so that the normal flow of the application can be maintained.

- In this tutorial, we will learn about Java exceptions, it's types, and the difference between checked and unchecked exceptions.

What is Exception :

- Exception is an abnormal condition.

- In Java, an exception is an event that disrupts the normal flow of the program. It is an object which is thrown at runtime.
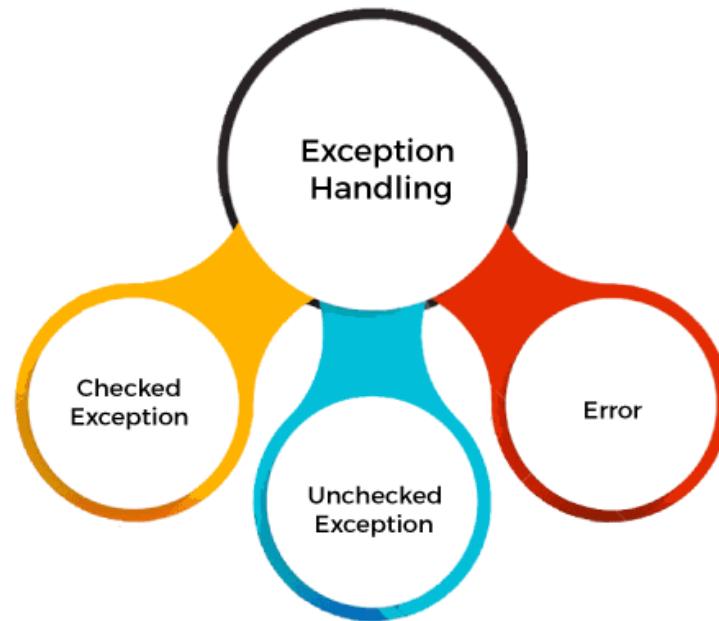
What is Exception Handling:

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

Types of Java Exceptions :

- There are mainly two types of exceptions: checked and unchecked. An error is considered as the unchecked exception. However, according to Oracle, there are three types of exceptions namely:

1. Checked Exception

2. Unchecked Exception

3. Error

Hierarchy of Java Exception classes :

☐   The java.lang.Throwable class is the root class of Java Exception hierarchy inherited by two subclasses: Exception and Error. The hierarchy of Java Exception classes is given below: