**Exception Handling:-**

When unwanted, unexpected event occur that disturbs normal flow of program is called Exception.

In java exception is an object that is created when an abnormal situation is arises in our program.

**Exception Hierarchy:-**

Throwable class acts as a root for entire java exception hierarchy, It has the following two child classes:-

1. **Exception**:-Most of the cases exception are caused by our program and these are recoverable.

2. **Error:**-Most of the cases errors are not caused by our program these are due to lack of system resources. Errors are non-recoverable.

**Difference between Error and Exception**

|  |  |  |
| --- | --- | --- |
|  | **Error** | **Exception** |
| 1 | Can't be handle. | Can be handle. |
| 2 | Example: NoSuchMethodError OutOfMemoryError | Example: ClassNotFoundException NumberFormateException |

