**Q-2-> What is the difference between Exception and error?**

In Java, both exception and error are sub classes of java throwable class that belongs to java.lang package but they represent different problems during the execution of the program.

**Exception**

* In exception, we can recover the exception by handling the try, catch and finally block.
* There are two types of exceptions and they are checked & unchecked exceptions.
* Checked Exceptions are can identify while compiling the program.
* Exceptions are occurring at compile time or run time of the program.
* It belongs to java.lang. Exception package
* Example: IO Exception - Checked Exception

Arithmetic Exception - Unchecked Exception

**Error**

* We can’t recover or handle the errors.
* All errors in java are unchecked.
* Errors are can’t identify while compiling the program.
* Errors are occurring at run time only.
* It belongs to java.lang. Error package
* Example: Out of Memory, System Crash