**The difference between java.lang.NoClassDefFoundError and ClassNotFoundException in Java**

ClassNotFoundException comes when JVM tries to the load a class(only three methods are there to load 1. Class#forName, 2. ClassLoader#findSystemClass and 3. ClassLoader#loadClass) at runtime dynamically means you give the name of the class at runtime and then JVM tries to load it and if that class is not found in the classpath it throws java.lang.ClassNotFoundException. While in the case of NoClassDefFoundError the problematic class was present during Compile time and that's why the program successfully compiled but not available during runtime for any reason.

**NOTE:-** ClassNotFoundException is a checked Exception. Although there is no sense of it because we can' t recover from it.