[JVM + JRE + JDK]

* JVM → Java Virtual Machine is an abstract machine. This machine give runtime envoirment in which Java bytcode can be executed.
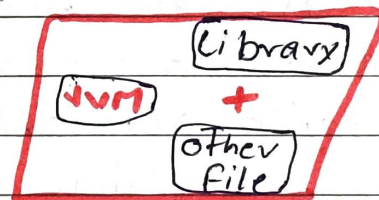
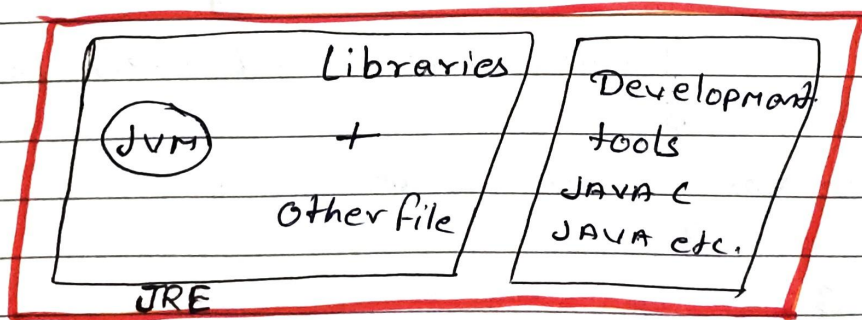The JVM perform the following task.
Loads code
Verifies Code.
Caecuts Code.
provide runtime enviroment.

* JRE ⇒ JRE is an acronym for Java Runtime Envoirment. It is also written as Java RTE. The Java Runtime Environmend (rvgs) is a set of Software tools which are used for developing Java application. it is Contains a set of libraries + other file

```
            ┌──────────┐
            │ Library  │
  ┌─────┐ + └──────────┘
  │ Jvm │   ┌──────┐
  └─────┘   │ other│
            │ File │
            └──────┘
```

* JDK → Java Development JRE kid is a Software enviroment which is used. to developed Java Application and Applets.

```
┌──────────────────────────────────────┐
│  ┌───────────────┬──────────────────┐ │
│  │   Libraries   │   Development    │ │
│  │ (JVM)   +     │   tools          │ │
│  │               │   JAVA C         │ │
│  │  Other file   │   JAVA etc.      │ │
│  └───────────────┴──────────────────┘ │
│   JRE                                  │
└──────────────────────────────────────┘
              JDK
```