15th Apr-2022

ASSIGNMENT

01) What is a Java Archive file?

→ JAR (Java Archive) is a platform-independent file format that aggregates many files into one. (.class files, images and sounds) can be bundled in an JAR files

" aggregating many files into one".

02) What do you mean by compiling a code?

→ Compile refers to the act of converting programs written in high level programming language, which is understable and written by humans, into a low level binary language understood by only the computer.

03) What happens when you Compile a code?

→ A compiler takes the programm code (source code) and converts the source code to a machine language module (called an object file).

04)

| JAR | WAR | EAR |
|---|---|---|
| * A JAR file is with Java Classes. associated with metadata, and resources such as text and images aggregate into one file | * A file that is used to distribute a collection of "JAR" files. | An EAR file is a standard "JAR" file that represents the modules of the application and metadata directory called META-INT |
| * Stands for Java Archive | * Stands for Web Application Resource./Archive. | * Stands for Enterprise Application Archive |
| * .jar | * .war | * .ear |
| * Allows Java Runtime Environment (JRE) to deploy an entire application | * Allows testing and deploying web application | * Allows deploying different modules onto an application server simultaneously |