What is the purpose of the core module in AEM?

It is where we keep our java code that is used to build the website.

What kind of files and code can be found in the core folder?

Java files , Helper files , Servlets

Explain the role of ui.apps in AEM projects.

It is used to store all the designs and components that we can see on the

website. It is where we place the buttons, text areas, and images.

How are components structured in the ui.apps folder?

/apps/<project>/components

Hello World Component:

- Where is the Hello World component located in both core and ui.apps?

  Core: /core/src/main/java/<package>/HelloWorld.java
  ui.apps: /apps/<project>/components/hello-world

- Explain the Java class (in core) for the Hello World component.

  It returns a message saying "Hello World"

- How does the HTL script work in ui.apps for Hello World?

  Prints the message from java class ans uses $ for rendering

- How are properties and dialogs defined for this component?

  It is used to add properties like gender name using dialog box.It appears in
  the page editor.

What are the different types of AEM modules (core, ui.apps, ui.content, etc.)?

core: Java files

ui.apps: Design

ui.content: Some extra pages

How does Maven build these modules?

Maven combines all components into a file for deployment in AEM.

Explain the build lifecycle of Maven in the context of AEM.

build - install - finish

How are dependencies managed in pom.xml?

It has some extra files that the project needs

Why is Maven used instead of other build tools?

Easy to manage and most of them uses it in AEM.

What advantages does Maven offer for AEM development?

Helps in building the project automatically

How does Maven help in managing dependencies and plugins in AEM projects?

We write the names in pom.xml, and Maven gets them.

What does mvn clean install do in an AEM project?

Cleans all the old files and creates new files

How to deploy packages directly to AEM using Maven commands?

mvn install does everything

Explain the purpose of different Maven profiles in AEM (autoInstallPackage, autoInstallBundle).

Installs files automatically

Something similar to auInstall(Package)

What is the purpose of dumplibs in AEM?

Checks what scripts (CSS/JS) are on the page

How can you view client libraries using dumplibs?

Go to http://localhost:4502/libs/granite/ui/content/dumplibs.html

Explain how client libraries are structured in AEM.

Stored in /apps/<project>/clientlibs

Contains JS, CSS, and other files.