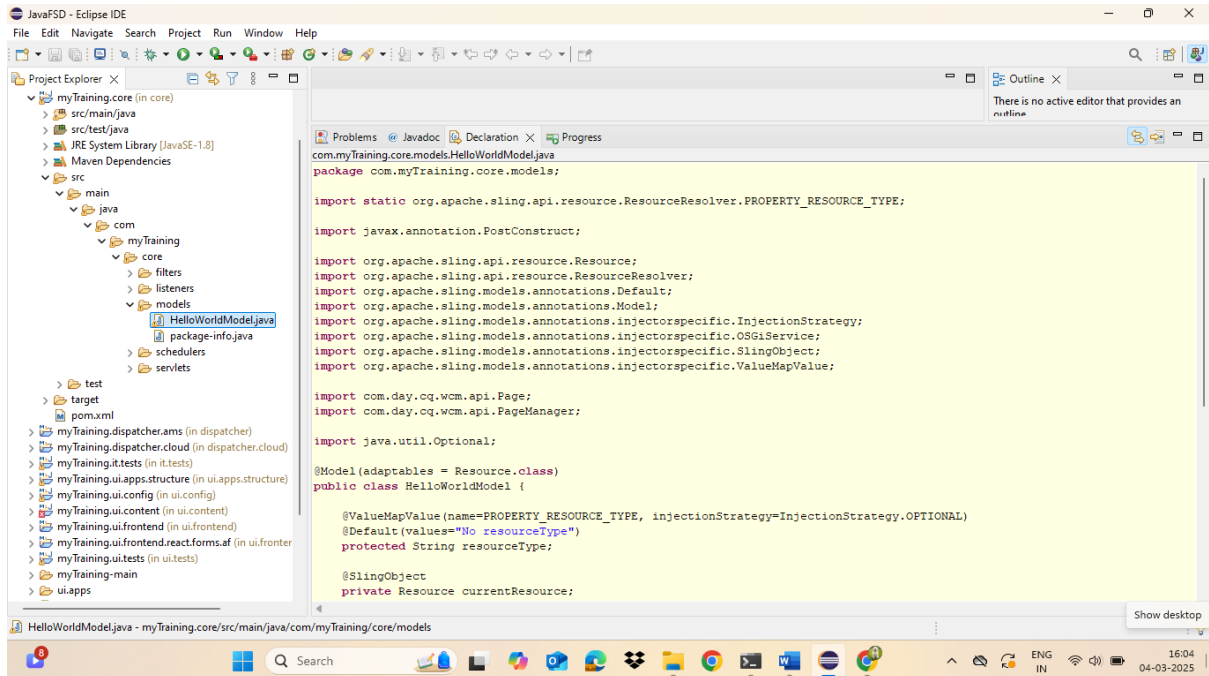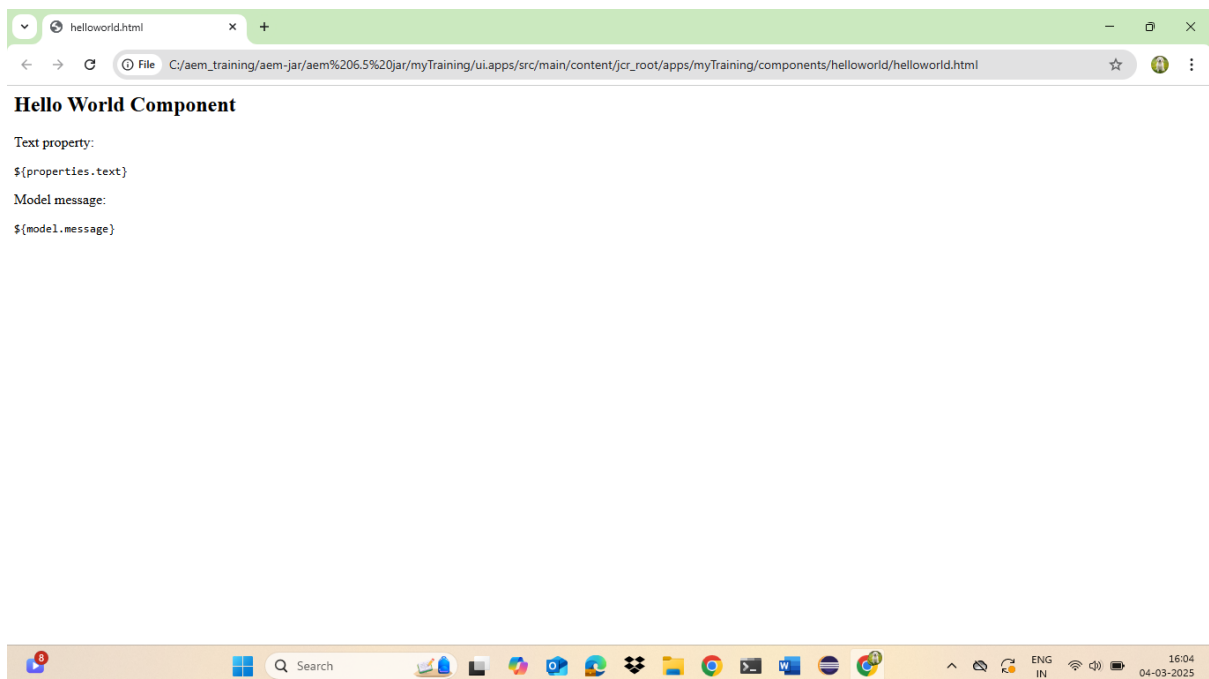# TASK ON AEM PROJECT:

1.(i). Hello World component of core:

(ii). Hello World component of ui.apps:

2. How AEM modules are build?

-> The AEM modules are core, ui.apps, ui.tests, ui.config etc. are built using the Maven commands like compile, package, clean, test and install. The 'all' module is responsible for creating the final deployable package and AEM projects follow a multi-module Maven structure.

3. Why Maven for AEM?

-> Maven automates 'dependency management'. It ensures 'structured builds' using the pom.xml files. It supports 'easy deployment' with the content-package-maven-plugin to create and deploy AEM packages.

4. How to Build an AEM Project Using Different Commands?

->For complete build we use the following command,

"mvn clean install -PautoInstallSinglePackage".

->For building the core module we use,

"mvn clean install -pl core".

->For deploying we use,

"mvn clean install -PautoInstallPackage -pl ui.apps".

5.What is the role of "dumplibs" for Client Libraries?

-> dumplibs is a tool which is used to debug the client libraries in AEM. It has the lists of all client libraries and their paths, and helps to check if a client library is loaded properly .It is useful for identifying dependencies or missing files in 'categories'.