

**Exp No: 7**

**Date: 11/09/2024**

**CLOUD SIMULATION**

**MODEL CLOUD ENVIRONMENT USING CLOUD SIM**

**AIM:**

To model the cloud environment using cloud sim tools.

**PROCEDURE:**

1. Now within the Eclipse window navigate the menu: File -> New -> Project, to open the new project wizard.
2. Select the 'Java Project' from the window popup and click Next.
3. Unselect the 'Use default location' option and then click on 'Browse' to open the path where you have unzipped the Cloud Sim project and finally click Next to set project settings.
4. Now select the example program from folder examples from the unzipped folder.
5. Run the sample program

**OUTPUT:**

New Java Project

### Create a Java Project

Discouraged module name. By convention, module names usually start with a lowercase letter

Project name: CloudSimPractice

☐ Use default location

Location: C:\Users\Haresh\Downloads\cloudsim-4.0\cloudsim-4.0 [Browse...](#)

JRE

- ☒ Use an execution environment JRE: JavaSE-20
- ☐ Use a project specific JRE: jdk-20
- ☐ Use default JRE 'jdk-20' and workspace compiler preferences [Configure JREs...](#)

Project layout

- ☐ Use project folder as root for sources and class files
- ☒ Create separate folders for sources and class files [Configure default...](#)

Working sets

☐ Add project to working sets [New...](#)

Working sets: [Select...](#)

Module

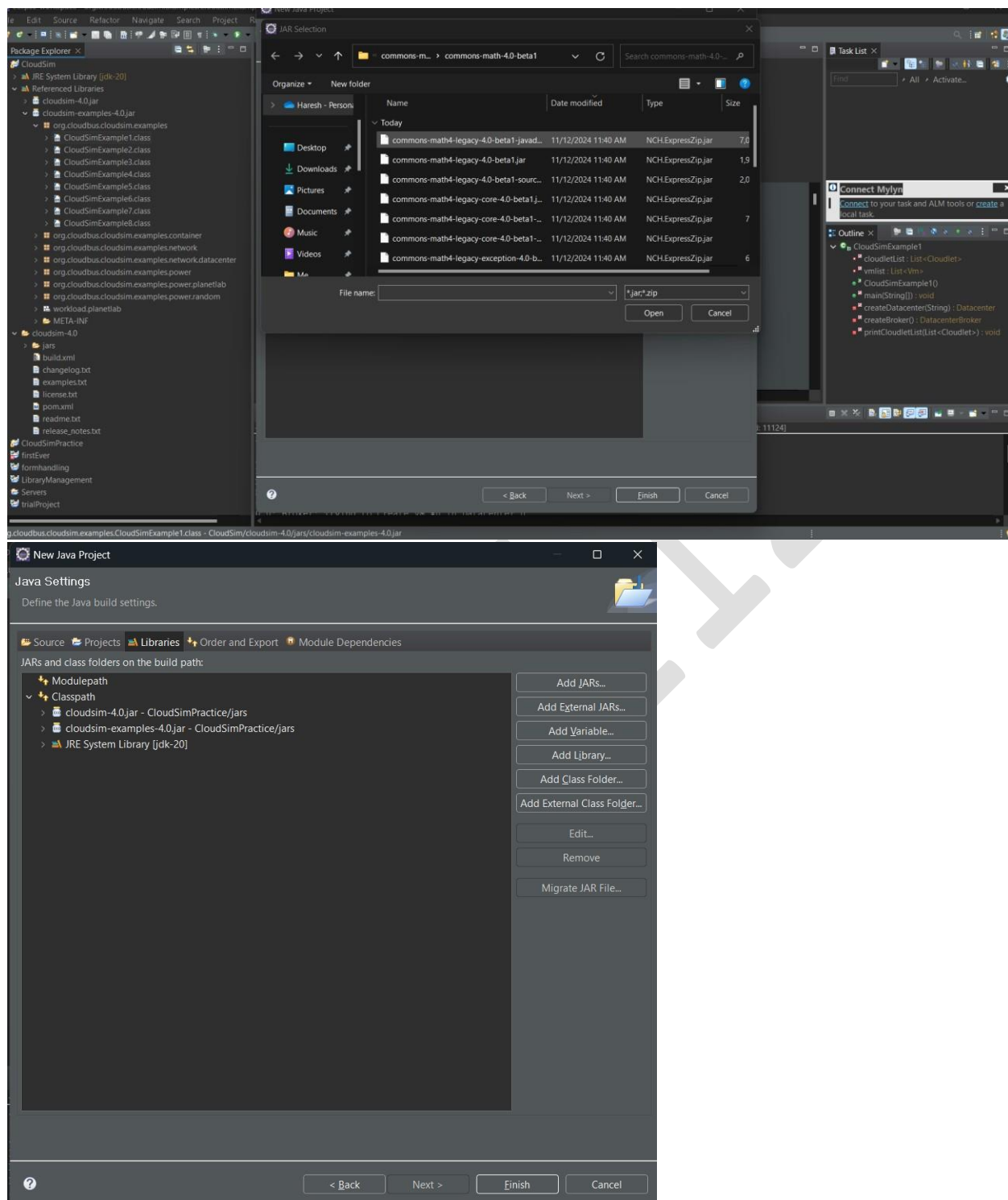
☒ Create module-info.java file

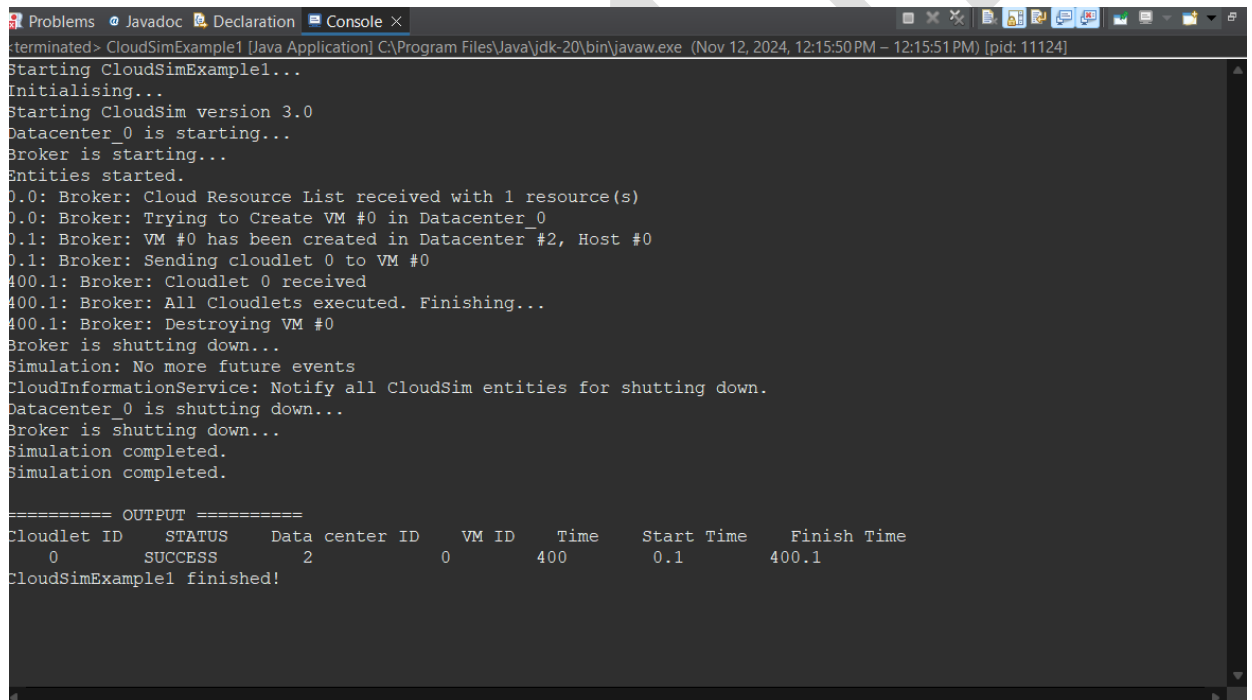
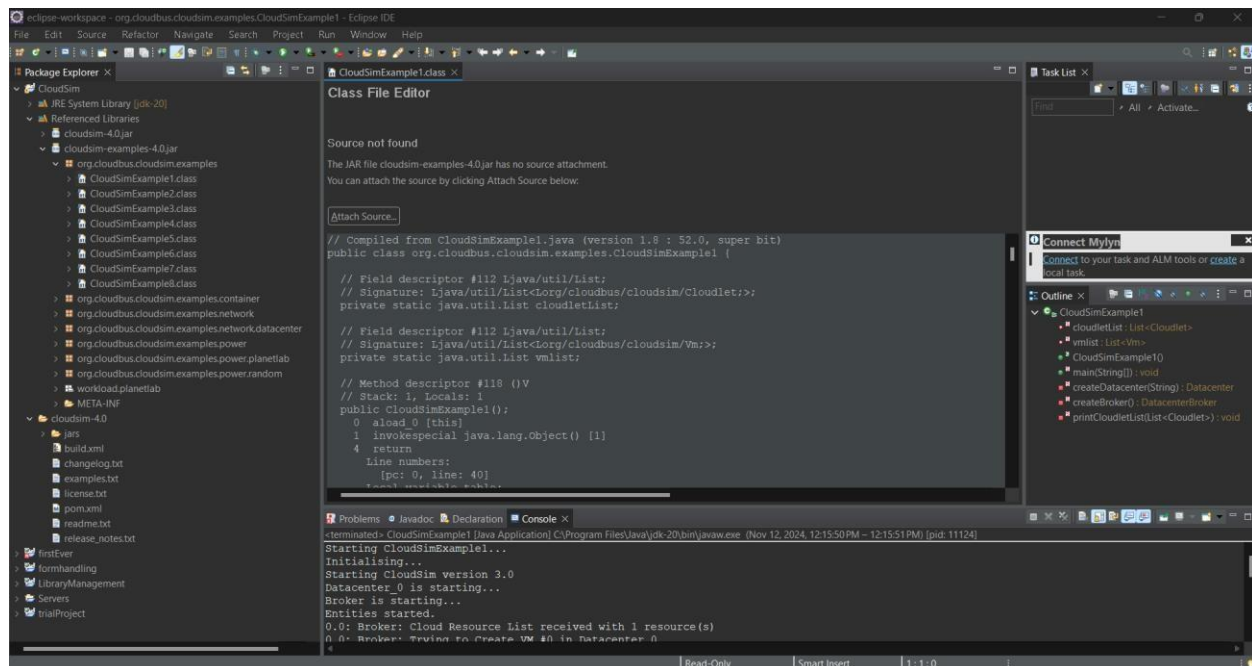
Module name:

☒ Generate comments

module name will be "CloudSimPractice" (if no module is specified, then project name will be used as module name)

[?](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)





## RESULT:

Cloud environment has been successfully modelled using cloud sim tools.