

Exp No: 7

Date :

CLOUD SIMULATION

MODEL CLOUD ENVIRONMENT USING CLOUD SIM

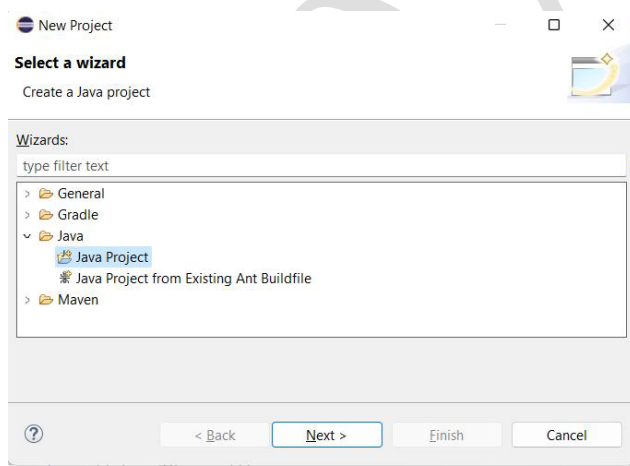
AIM:

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 Cloudsim 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:




```
CloudSimExample1.java x Problems Javadoc Declaration Console x
1 package org.cloudbus.cloudsim.examples;
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4 * Title: CloudSim Toolkit[]
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12 * import java.text.DecimalFormat;[]
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<terminated> CloudSimExample1 [Java Application] C:\Users\SRI\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\j
Simulation: No more future events
CloudInformationService: Notify all CloudSim entities for shutting down.
Datacenter_0 is shutting down...
Broker is shutting down...
Simulation completed.
Simulation completed.
===== OUTPUT =====
Cloudlet ID STATUS Data center ID VM ID Time Start Time Finish Time
0 SUCCESS 2 0 400 0.1 400.1
****Datacenter: Datacenter_0****
User id Debt
3 35.6
*****
CloudSimExample1 finished!
```

RESULT:

Thus, the cloud environment using cloud sim tools has been modelled.