Exp No: 7 Date:

CLOUD SIMULATION MODEL CLOUD ENVIRONMENT USING CLOUD SIM

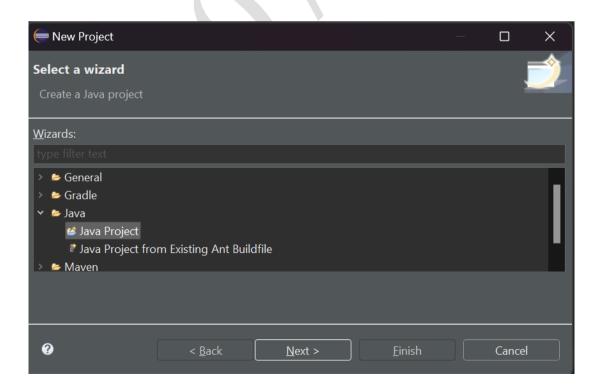
AIM:

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:



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{\tt Cloud\_sim\_project/modules/cloudsim-examples/src/main/java/org/cloudbus/cloudsim/examples/CloudSimExample1.java - Eclipse IDE}
                                                                                                                                                                                                                      D LinkedListjava D ReverseLLis... D Passengers.java D TicketBo
1 package org.cloudbus.cloudsim.examples;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Cloud_sim_project

M JRE System Library [jre]

M modules/cloudsim/src/main/java

M modules/cloudsim/src/test/java

    CloudSimExample5.java
    CloudSimExample6.java
    CloudSimExample7.java

    CloudSimExample8.java
    CloudSimExample9.java
    CloudSimMultiExtensionExample9.java

                                                                                                                                                                                                                                                                                                                try {
    // First step: Initialize the CloudSim package. It should be called before creating any entition
    int num_user = 1; // number of cloud users
    Calendar calendar = Calendar.getInstance(); // Calendar whose fields have been initialized with
boolean trace_flag = false; // trace events
                                                                                                                                                                                                                                                                                                                                                                 Comment Start - <u>Dinesh Bhagwat</u>
Initialize the CloudSim library.
<u>init()</u> invokes initCommonVariable() which in turn calls initialize() (all these 3 methods an initialize() creates two collections - an ArrayList of SimEntity Objects (named entities who a LinkedHashMap (named entitiesByName which denote the LinkedHashMap of the same simulation
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Decla
Package Explorer ×

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RESULT:

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