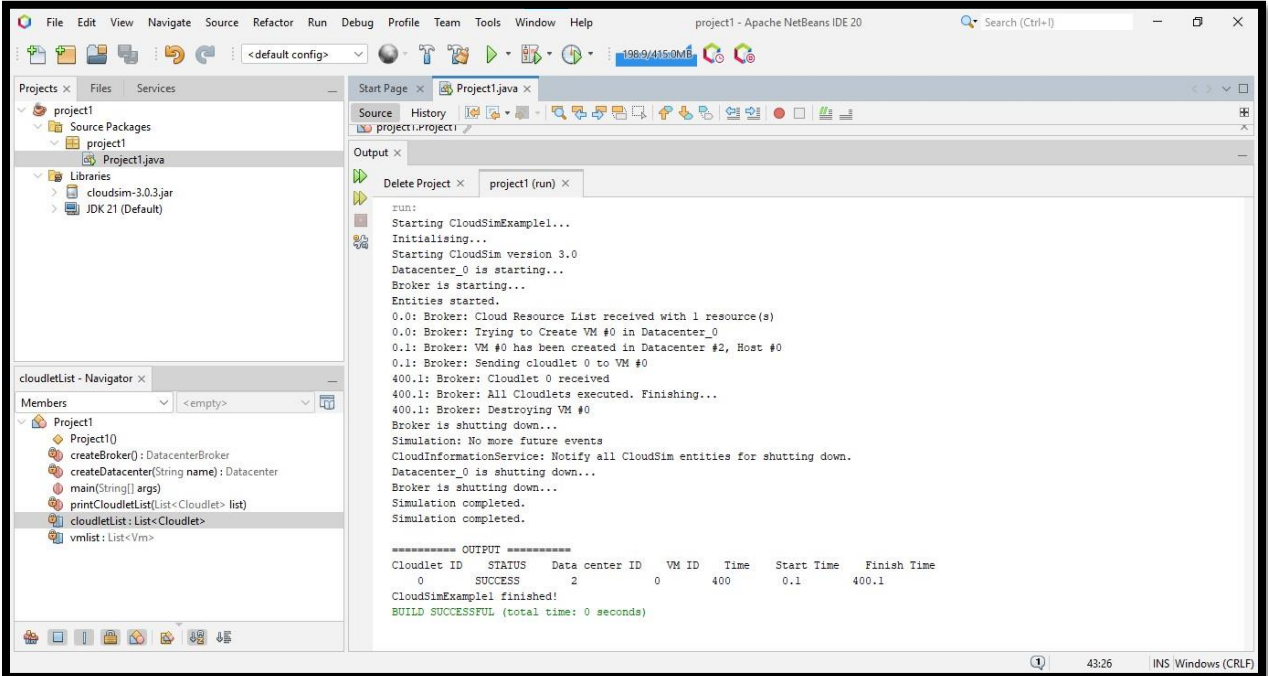


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Roll no.: 16010421119

CC-Exp-08

Output:



```
run:
Starting CloudSimExample1...
Initialising...
Starting CloudSim version 3.0
Datacenter_0 is starting...
Broker is starting...
Entities started.
0.0: Broker: Cloud Resource List received with 1 resource(s)
0.0: Broker: Trying to Create VM #0 in Datacenter_0
0.1: Broker: VM #0 has been created in Datacenter #2, Host #0
0.1: Broker: Sending cloudlet 0 to VM #0
400.1: Broker: Cloudlet 0 received
400.1: Broker: All Cloudlets executed. Finishing...
400.1: Broker: Destroying VM #0
Broker is shutting down...
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
CloudSimExample1 finished!
BUILD SUCCESSFUL (total time: 0 seconds)
```

```

run:
Starting CloudSimExample1...
Initialising...
Starting CloudSim version 3.0
Datacenter_0 is starting...
Broker is starting...
Entities started.
0.0: Broker: Cloud Resource List received with 1 resource(s)
0.0: Broker: Trying to Create VM #0 in Datacenter_0
0.1: Broker: VM #0 has been created in Datacenter #2, Host #0
0.1: Broker: Sending cloudlet 0 to VM #0
400.1: Broker: Cloudlet 0 received
400.1: Broker: All Cloudlets executed. Finishing...
400.1: Broker: Destroying VM #0
Broker is shutting down...
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
CloudSimExample1 finished!
BUILD SUCCESSFUL (total time: 0 seconds)

```

Question:

Q1. What is CloudLet ?

Ans: A cloudlet is a small-scale data centre located at the edge of the Internet to provide computing resources to mobile applications with lower latency. It is a newer architectural element of cloud computing infrastructure of a 3-tier hierarchy: mobile device or IoT hardware, cloudlet, cloud. The cloudlet concept is also known as mobile micro-cloud.

Outcome:

CO3: Analyze different cloud architectures.

Conclusion: In this Experiment, we installed cloudSim and completed the setup in NetBeans IDE and stimulated using examples.