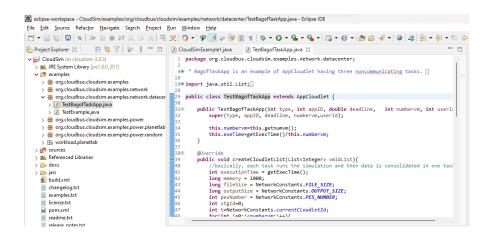


```
Project Explorer 🛭 🖹 🦻 🐉 🤻 🗖 🗓 CloudSimExample1.java 🖂
 1 package org.cloudbus.cloudsim.examples;
                                                                                  ?
₩ * Title:
                                                                                                       CloudSim Toolkit[]
                                                                               11
12⊕ import java.text.DecimalFormat;[]
                                                                              379/**
38 * A simple example showing how to create a <u>datacenter</u> with one host and run one
39 * <u>cloudlet</u> on it.
40 */
41 public class CloudSimExample1 {
42
43 /** The <u>cloudlet</u> list. */
44 private static ListCloudlet cloudLetList;
               CloudSimExample5.java
               CloudSimExample6.java
                                                                                          /** The cloudlet list. */
private static List<Cloudlet> cloudletList;
               CloudSimExample7.java
        > ① CloudSimExample17 jaya
> ② CloudSimExample18 jaya
> ③ cloudSimExample8.petwork
> ⑥ cloudSimExample8.petwork
○ ⑥ cloudbus.clouddim examples.network.datacer
> ⑥ cryc.cloudbus.clouddim.examples.power
> ⑥ cryc.cloudbus.clouddim.examples.power.planetlab
> ⑥ cryc.cloudbus.clouddim.examples.power.planetlab
> ⑥ cryc.cloudbus.clouddim.examples.power.random
                                                                                          /** The ymlist. */
private static List<Vm> ymlist;
                                                                                          /**
* Creates main() to run this example.
                                                                                            * @param args the args
                                                                                         @SuppressWarnings("unused")
public static void main(String[] args) {
         iars
∰ build.xml
         changelog.txt
examples.txt
                                                                          Markers Properties & Servers Data Source Explorer Snippets Console S Properties
```



```
🥘 eclipse-workspace - CloudSim/examples/org/cloudbus/cloudsim/examples/power/random/LrMmt.java - Eclipse IDE
\underline{\text{File}} \quad \underline{\text{E}}\text{dit} \quad \underline{\text{Source}} \quad \text{Refactor} \quad \underline{\text{N}}\text{avigate} \quad \text{Search} \quad \underline{\text{P}}\text{roject} \quad \underline{\text{R}}\text{un} \quad \underline{\text{W}}\text{indow} \quad \underline{\text{H}}\text{elp}
Project Explorer ⋈ 🖹 🕏 🧗 🖟 🖁 🧖 🗖 🖟 CloudSimExample1.java 📝 TestBagofTaskApp.java 📝 LrMmt.java ⋈
                                                                                       * The main method.

→ 

→ CloudSim (in cloudsim-3.0.3)

    > M JRE System Library [jre1.8.0_201]
                                                                                         @param args the arguments
@throws IOException Signals that an I/O exception has occurred.
    > # org.cloudbus.cloudsim.examples
           grg.cloudbus.cloudsim.examples.network
                                                                                     public static void main(String[] args) throws IOException {
                                                                                          lic static void main(String[] args) throws IOException {
boolean enableOutput = true;
boolean outputToFile = false;
String inputFolder = "";
String workload = "random"; // Random workload
String workload = "random"; // Local Regression (LR) VM allocation policy
String vmSelectionPolicy = "mrt"; // Local Regression (LR) VM selection policy
String parameter = "1.2"; // the safety parameter of the LR policy
        > 🚺 TestExample.java
        > # org.cloudbus.cloudsim.examples.power
           grg.cloudbus.cloudsim.examples.power.planet
        \checkmark \; \boxplus \; \text{org.cloudbus.cloudsim.examples.power.rando}
           > Dvfs.java
                                                                          39
40
41
42
43
44
45
46
47
48
            > 🚺 lqrMc.java
                                                                                           new RandomRunner(
enableOutput,
           > I lgrMmt.java
           > 🚺 lqrMu.java
                                                                                                      outputToFile,
            > 🚺 IqrRs.java
                                                                                                       inputFolder,
                                                                                                      outputFolder,
workload,
vmAllocationPolicy,
vmSelectionPolicy,
           > I LrMc.java
            >  LrMmt.java
           >  LrMu.java
>  LrrMc.java
                                                                                                      parameter);
                                                                                     }
            > 🚺 LrrMmt.java
           > II LrrMu.java
             In IrrRs.iava
```

```
eclipse-workspace - CloudSim/examples/org/cloudbus/cloudsim/examples/CloudSimExample1.java - Eclipse IDE
Project Explorer 
□ □ □ □ □ □ CloudSimExample1.java 
□ □ CloudSim (in cloudsim-3.0.3)
□ 1 package org.cloudbu

    □ CloudsIm (in cloudsIm-3.0.3)
    ■ JRE System Library [jre1.8.0_201]
    □ examples
       ✓ ∰ org.cloudbus.cloudsim.examples

    CloudSimExample1.java
    CloudSimExample2.java
    CloudSimExample2.java
    CloudSimExample3.java
          > I CloudSimExample4.java
> I CloudSimExample5.java
> I CloudSimExample6.java
                                                                          /** The cloudlet list. */
private static List<Cloudlet> cloudletList;
          >  CloudSimExample7.java
>  CloudSimExample8.java
       > # org.cloudbus.cloudsim.examples.network
> # org.cloudbus.cloudsim.examples.network.datacer
                                                                          /** The ymlist. */
private static List<Vm> vmlist;
       > # org.cloudbus.cloudsim.examples.power
> # org.cloudbus.cloudsim.examples.power.planetlab
                                                                          /**

* Creates main() to run this example.

*
         # org.cloudbus.cloudsim.examples.power.random
    > the workload.planetlab
> the sources
> the Referenced Libraries
                                                                            * @param args the args
*/
                                                                          @SuppressWarnings("unused")
public static void main(String[] args) {
    >  docs
>  jars
 build.xml
       changelog.txt
                                                             Markers ☐ Properties ₩ Servers 🏙 Data Source Explorer 🚡 Snippets 😑 Console 🛭 🐙 Terminal
                                                              <terminated> CloudSimExample1 [Java Application] C:\Program Files\Java\jre1.8.0_201\bin\javaw.exe (24 Mar, 2023 7:11:33 PM – 7:11:4
       license.txt
                                                              Simulation completed.
Simulation completed.
       m pom.xml
       readme.txt
                                                              ----- 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!
 > 🦥 project 1
```