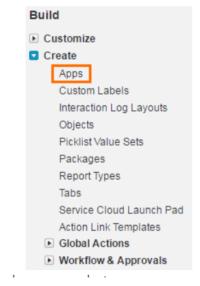
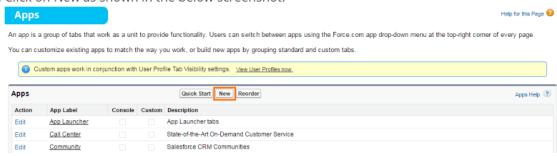


Steps To Setup The App

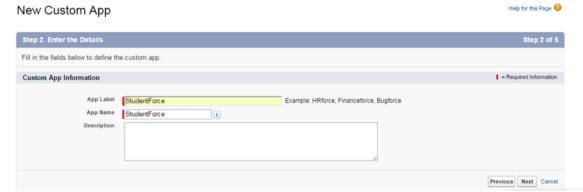
- 1. Click on *Setup* button next to app name in top right corner.
- 2. In the bar which is on the left side, go to $Build \rightarrow select \ Create \rightarrow select \ Apps$ from the drop down menu.



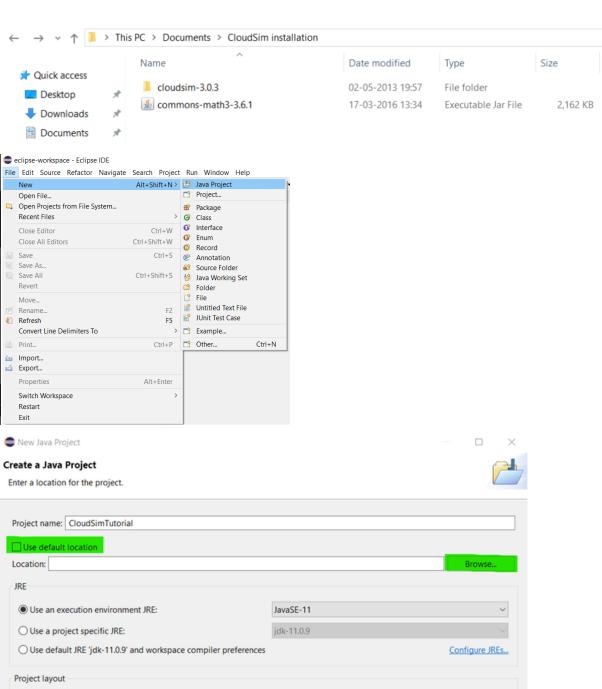
3. Click on New as shown in the below screenshot.

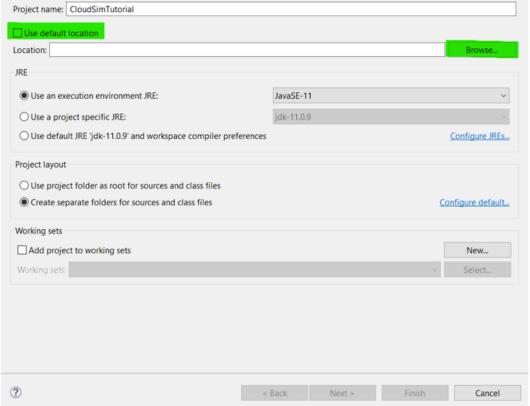


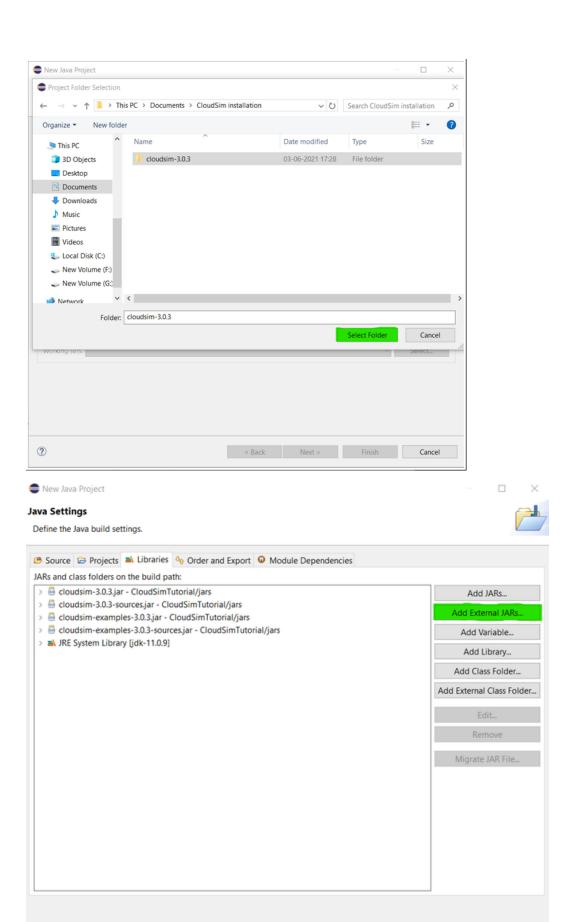
- 4. Choose Custom App.
- 5. Enter the *App Label. StudentForce* is the label of my app. Click on *Next*.



- 6. Choose a profile picture for your app. Click Next.
- 7. Choose the tabs you deem necessary. Click Next.
- 8. Select the different profiles you want the app to be assigned to. Click Save.





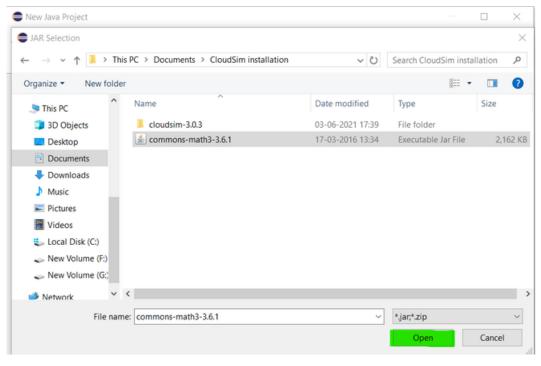


< Back Next >

Finish

Cancel

?



```
👄 eclipse-workspace - CloudSimTutorial/examples/org/cloudbus/cloudsim/examples/CloudSimExample1.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
😫 Package Explorer 🕮 🕒 👺 🖟 📅 🗖 🙋 CloudSimExample1.java 🕮 🙋 CloudSimExample2.java
                                                                                      12* import java.text.DecimalFormat;

→ 

CloudSimTutorial

Clo
      > M JRE System Library [JavaSE-11]

y Ø examples

                                                                                     38
39
                                                                                               * A simple example showing how to create a datacenter with one host and run one * cloudlet on it.

→ ∰ org,cloudbus.cloudsim.examples

                CloudSimExample1.java
                ○ CloudSimExample2.java
                                                                                      41 public class CloudSimExample1 {
                > ② CloudSimExample3.java
                                                                                      42
                                                                                     43
44
                                                                                                        /** The cloudlet list. */

⇒ ☑ CloudSimExample4.java

                                                                                                       private static List<Cloudlet> cloudletList;
                > ② CloudSimExample5.java
                                                                                      45
                ➢ CloudSimExample6.java
                                                                                                       /** The vmlist. */
                                                                                      46
                > ② CloudSimExample7.java
                                                                                      47
                                                                                                       private static List<Vm> vmList;

    ○ CloudSimExample8.java

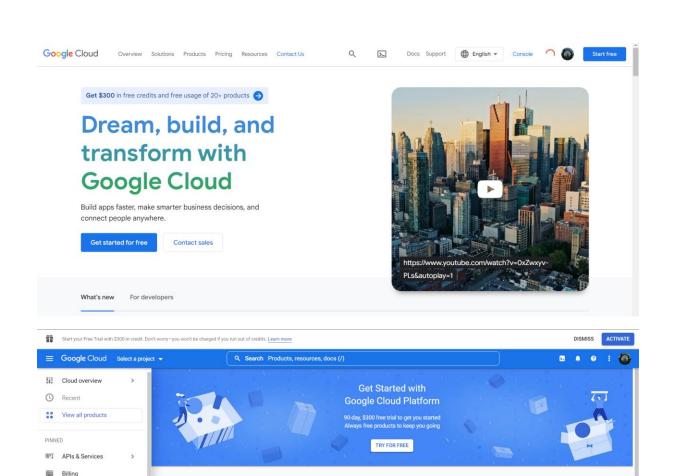
                                                                                      48

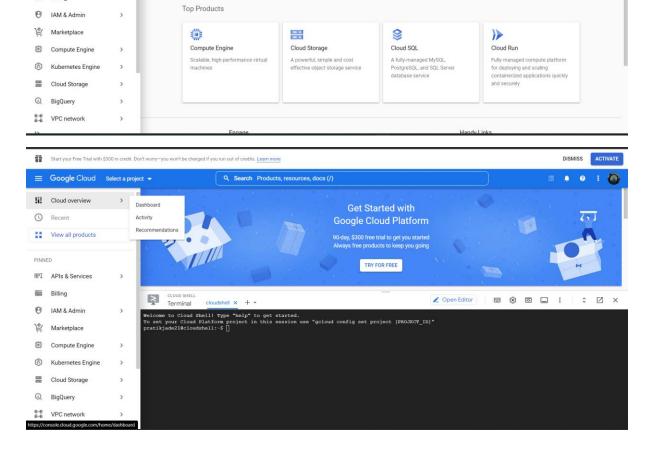
→ 
⊕ org.cloudbus.cloudsim.examples

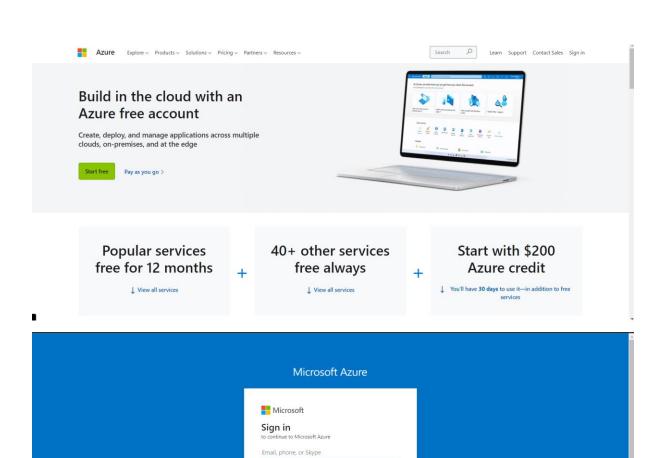
                                                                                      498
                                                                                                          * Creates main() to run this example.
            → ∰ org.cloudbus.cloudsim.examples
                                                                                      51
            > # org.cloudbus.cloudsim.examples
                                                                                      52
                                                                                                         * @param args the args
            > # org.cloudbus.cloudsim.examples

→ ■ org.cloudbus.cloudsim.examples

                                                                                      549
                                                                                                       @SuppressWarnings("unused")
            > & workload.planetlab
                                                                                      55
56
57
                                                                                                       public static void main(String[] args) {
            > @ module-info.java
       > 🤔 sources
                                                                                                                 Log.printLine("Starting CloudSimExample1...");
      > A Referenced Libraries
                                                                                     58
59
60
61
62
63
64
65
66
67
68
                                                                                                                try {
    // First step: Initialize the CloudSim package. It should be called
      > 😂 classes
      o docs
                                                                                                                          // before creating any entities.
int num_user = 1; // number of cloud users
Calendar calendar = Calendar.getInstance();
      > 🧀 jars
          a build.xml
                                                                                                                          boolean trace_flag = false; // mean trace events
           changelog.txt
           examples.txt
                                                                                                                          // Initialize the CloudSim library
CloudSim.init(num_user, calendar, trace_flag);
           license.txt
           Imx.moq 🗟
           readme.txt
                                                                                                                           // Second step: Create Datacenters
           release_notes.txt
                                                                                      70
71
72
                                                                                                                          // Datacenters are the resource providers in CloudSim. We need at
// list one of them to run a CloudSim simulation
Datacenter datacenter@ = createDatacenter("Datacenter_0");
```

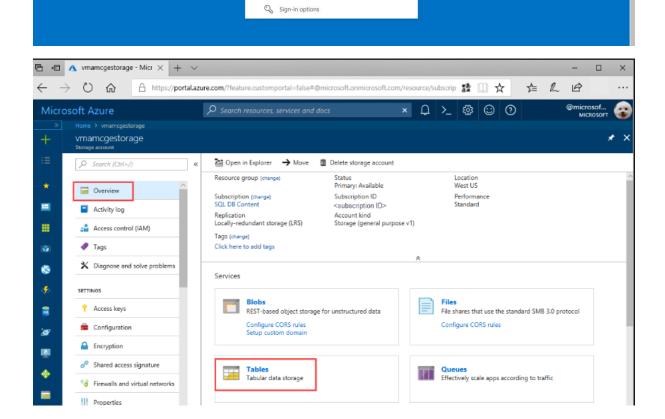


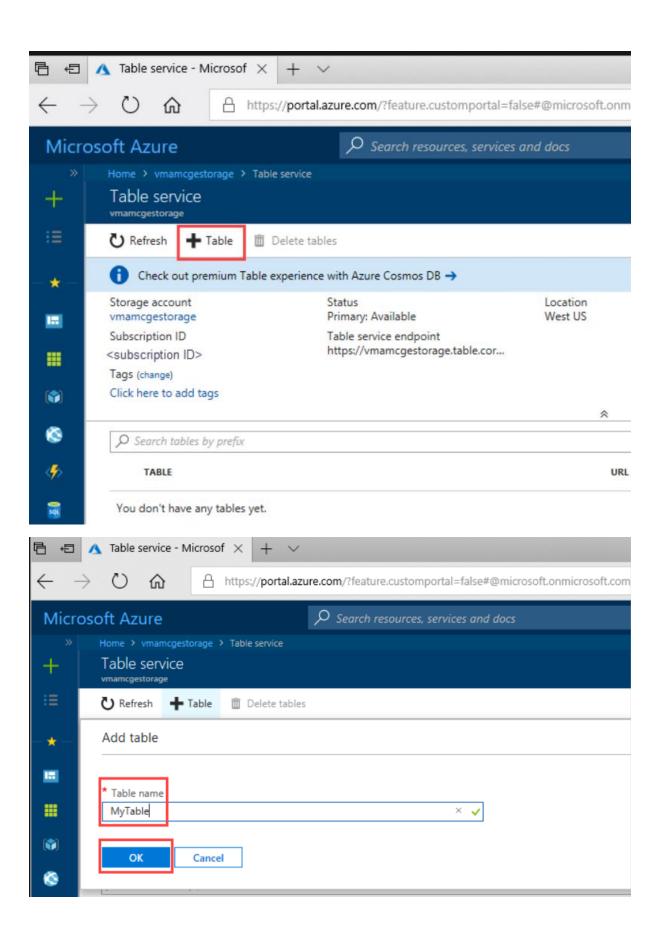




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PROMICE OPENICTACIO COMPONIENTE

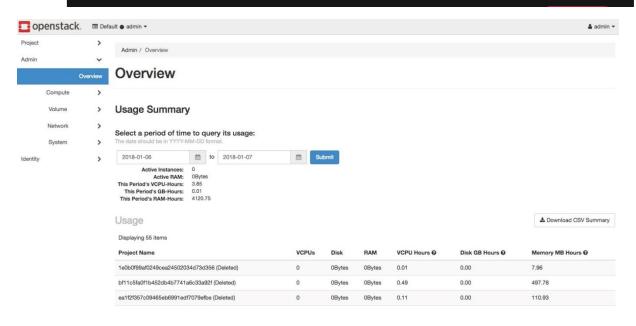
provide common services for cloud infrastructure.

OpenStack is developed by the community. For the community. Learn how to contribute \Rightarrow

Deployed by thousands. Proven production at scale. OpenStack is a set of software components that









Kubernetes, also known as K8s, is an open-source system for automating deployment, scaling, and management of containerized applications.

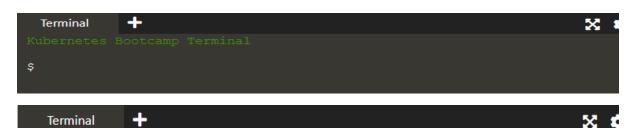
It groups containers that make up an application into logical units for easy management and discovery. Kubernetes builds upon 15 years of experience or running production workloads at Google, combined with best-of-breed ideas and practices from the community.





Planet Scale

Designed on the same principles that allow Google to run billions of containers a week, Kubernetes can scale without



Kubernetes Bootcamp Terminal

\$ minikube version

minikube version: v1.18.0

commit: ec61815d60f66a6e4f6353030a40b12362557caa-dirty

- \$ minikube start
- * minikube v1.18.0 on Ubuntu 18.04 (amd64)
- * Using the none driver based on existing profile
- X The requested memory allocation of 2200MiB does not leave room for system overhead (total system memory: 2460MiB). You may face stability issues.
- * Suggestion: Start minikube with less memory allocated: 'minikube start memory=2200mb'
- * Starting control plane node minikube in cluster minikube
- * Running on localhost (CPUs=2, Memory=2460MB, Disk=194868MB) ...
- * OS release is Ubuntu 18.04.5 LTS
- * Preparing Kubernetes v1.20.2 on Docker 19.03.13 ...
 - kubelet.resolv-conf=/run/systemd/resolve/resolv.conf

```
$ kubectl version
Client Version: version.Info{Major:"1", Minor:"20", GitVersion:"v1.20.4",
itCommit:"e87da0bd6e03ec3fea7933c4b5263d151aafd07c", GitTreeState:"clean",
BuildDate: "2021-02-18T16:12:00Z", GoVersion: "go1.15.8", Compiler: "gc", Pla
form:"linux/amd64"}
Server Version: version.Info{Major:"1", Minor:"20", GitVersion:"v1.20.2",
itCommit: "faecb196815e248d3ecfb03c680a4507229c2a56", GitTreeState: "clean",
BuildDate: "2021-01-13T13:20:00Z", GoVersion: "go1.15.5", Compiler: "gc", Pla
form:"linux/amd64"}
$ kubectl cluster-info
Kubernetes control plane is running at https://10.0.0.22:8443
KubeDNS is running at https://10.0.0.22:8443/api/v1/namespaces/kube-system
To further debug and diagnose cluster problems, use 'kubectl cluster-info
ump'.
$ kubectl get nodes
NAME
      STATUS ROLES
                                          AGE VERSION
minikube Ready control-plane, master 31s v1.20.2
```