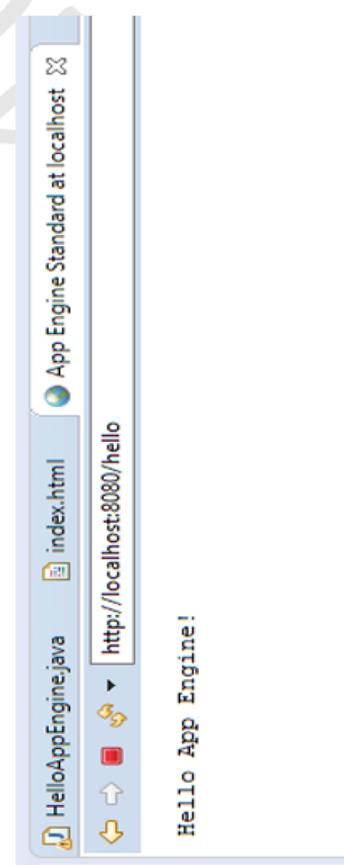


# Hello App Engine!



```

C:\Windows\System2\cmd.exe -dev _appenv(py "D:\sem7\cloud\WebApp"
C:\Users\A\appData\local\Google\Cloud SDK\google-cloud-sdk\bin\dev_appserver.py "D:\sem7\cloud\WebApp"
INFO 2023-08-04 09:16:31.894 devappserver2.py:321: Skipping SDK update check.
INFO 2023-08-04 09:16:32.006 <string>:381 Starting API Server at: http://localhost:63218
INFO 2023-08-04 09:16:32.006 dispatcher.py:276] Starting module 'default' running at: http://localhost:8080
INFO 2023-08-04 09:16:32.006 admin_server.py:70] Starting admin server at: http://localhost:8080
INFO 2023-08-04 09:16:34.002 instance.py:294] Instance ID: 3964
INFO 2023-08-04 09:16:37.401 module.py:446] [default] Detected file changes:
main.py
INFO 2023-08-04 09:16:37.878 module.py:[862] default: "GET / HTTP/1.1" 200 1028 -
INFO 2023-08-04 09:16:38.075 module.py:[862] default: "GET /favicon.ico HTTP/1.1" 404 -
INFO 2023-08-04 09:16:38.413 instance.py:[294] Instance ID: 1524
INFO 2023-08-04 09:16:40.443 instance.py:[294] Instance ID: 5916
WARNING 2023-08-04 09:16:51.286 sandbox.py:[1135] The module '_whirligig' is whitelisted for local dev only. If your application relies on '_whirligig', it is likely that it will not function properly in production.
WARNING 2023-08-04 09:16:51.325 unfetch_stub.py:[575] Stripped prohibited headers from URLFetch request: ['host']
INFO 2023-08-04 09:16:53.628 module.py:[862] default: "POST / HTTP/1.1" 200 1591
INFO 2023-08-04 09:16:55.111 module.py:[862] default: "GET / HTTP/1.1" 200 1828
WARNING 2023-08-04 09:17:12.871 unfetch_stub.py:[575] Stripped prohibited headers from URLFetch request: ['host']
INFO 2023-08-04 09:17:13.946 module.py:[862] default: "POST / HTTP/1.1" 200 1495
INFO 2023-08-04 09:17:21.888 module.py:[862] default: "GET / HTTP/1.1" 200 1028
WARNING 2023-08-04 09:17:30.270 unfetch_stub.py:[575] Stripped prohibited headers from URLFetch request: ['host']
INFO 2023-08-04 09:17:31.355 module.py:[862] default: "POST / HTTP/1.1" 200 1489
INFO 2023-08-04 09:17:39.873 module.py:[862] default: "GET / HTTP/1.1" 200 1828
WARNING 2023-08-04 09:18:05.088 unfetch_stub.py:[575] Stripped prohibited headers from URLFetch request: ['host']
INFO 2023-08-04 09:18:38.150 module.py:[862] default: "POST / HTTP/1.1" 200 1581
INFO 2023-08-04 09:18:37.416 module.py:[862] default: "GET / HTTP/1.1" 200 1028
WARNING 2023-08-04 09:18:43.328 unfetch_stub.py:[575] Stripped prohibited headers from URLFetch request: ['host']
INFO 2023-08-04 09:18:44.714 module.py:[862] default: "POST / HTTP/1.1" 200 1495
INFO 2023-08-04 09:19:01.151 module.py:[862] default: "GET / HTTP/1.1" 200 1028
WARNING 2023-08-04 09:47:06.903 unfetch_stub.py:[575] Stripped prohibited headers from URLFetch request: ['host']
INFO 2023-08-04 09:47:08.005 module.py:[862] default: "POST / HTTP/1.1" 200 1489

```

The screenshot shows a web application interface with the following components:

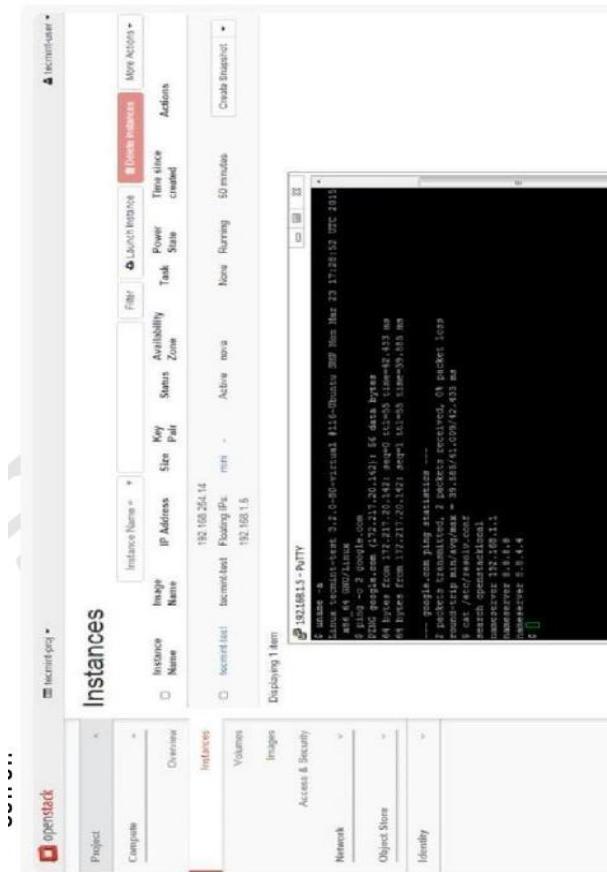
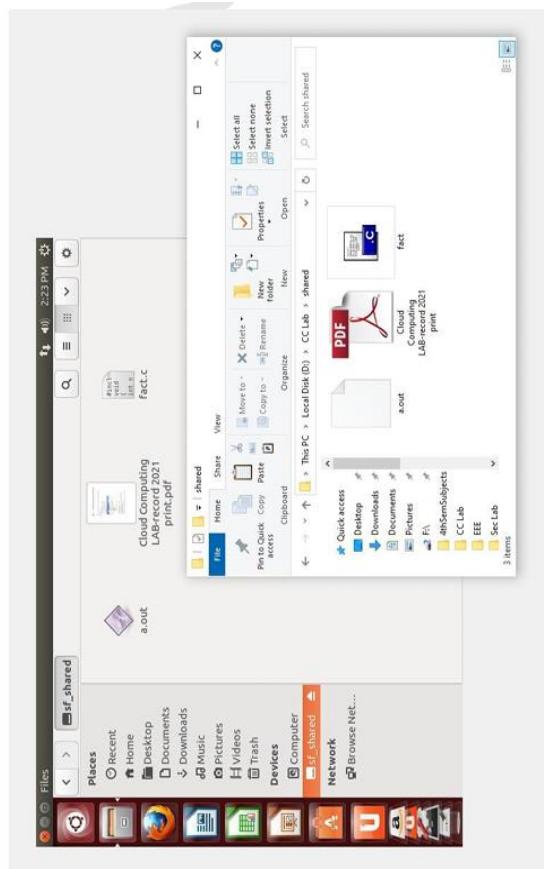
- Header:** A navigation bar with icons for back, forward, search, and other controls.
- Form:** A search form titled "Post Office Finder Using WebApp". It contains a text input field labeled "Location Zip Code:" containing the value "628207", and two buttons: "Submit" and "Clear".
- Content Area:**
  - Section 1:** A green box containing text about post offices in Tamil Nadu, with links to "State of Post Office : Tamil Nadu", "Name of Post Office : Kurumkur", and "Block of Post Office: Tiruchendur".
  - Section 2:** A green box containing text about the district of Tuticorin, with a link to "District of Post Office: Tuticorin".
  - Section 3:** A green box containing a link to "Back to the Home page".
- Bottom Navigation:** A footer with links for "Launch instance", "Back", and "Exit".

```

 SJF_Scheduler [Java Application] C:\Program Files\Java\jdk-11\bin\javaw.exe (04-Aug-2023, 9:49:46 am)
15249.539: Broker_0: Cloudlet 10 received
15666.764: Broker_0: Cloudlet 10 received
16566.324: Broker_0: Cloudlet 25 received
16633.368: Broker_0: Cloudlet 28 received
16633.368: Broker_0: All cloudlets received
18638.848: Broker_0: All cloudlets executed. Finishing...
18638.848: Broker_0: Destroying VM #2
18638.848: Broker_0: Destroying VM #3
18638.848: Broker_0: Destroying VM #4
18638.848: Broker_0: Destroying VM #5
18638.848: Broker_0: Destroying VM #6
Broker_0 is shutting down.
Simulation: No more future events
CloudSimInformationsSimulator: Notify all CloudSim entities for shutting down.
Datacenter_0 is shutting down...
Datacenter_1 is shutting down...
Datacenter_2 is shutting down...
Datacenter_3 is shutting down...
Datacenter_4 is shutting down...
Broker_0 is shutting down...
simulation completed.

===== OUTPUT =====
Cloudlet ID STATUS Data center ID VM ID Time Start Time Finish Time
01 SUCCESS 02 02 2673.92 00.1 2674.02
11 SUCCESS 04 04 2760.82 00.1 2761.8
07 SUCCESS 05 05 2810.82 00.1 2810.92
03 SUCCESS 06 06 2850.02 00.1 2850.12
09 SUCCESS 05 05 3235.52 00.1 3235.62
15 SUCCESS 04 04 3348.28 2761.18 3349.46
06 SUCCESS 03 03 1548.59 3235.62 4784.21
14 SUCCESS 05 05 2190.5 2810.92 5000.14
04 SUCCESS 02 02 2055.26 2850.02 5525.27
02 SUCCESS 02 02 3268.77 2674.02 5942.2
23 SUCCESS 04 04 2610.54 3000.46 6520
17 SUCCESS 05 05 5068.05 5068.05 6519.19
05 SUCCESS 02 02 2261.05 5942.81 8143.84
08 SUCCESS 03 03 3484.74 4784.21 8268.96
09 SUCCESS 05 05 3000.7 5525.27 8600.98
16 SUCCESS 03 03 1234.98 8268.96 9503.93
21 SUCCESS 05 05 2035.02 7944.19 9979.21
13 SUCCESS 04 04 8500.41 8500.41 10000.49
22 SUCCESS 06 06 452.53 10033.49 10486.02
24 SUCCESS 05 05 1127.12 9979.21 11106.33
10 SUCCESS 02 02 3268.77 5525.27 11106.36
18 SUCCESS 03 03 2385.26 9503.93 11889.19
20 SUCCESS 03 03 1333.33 11889.19 13222.52
12 SUCCESS 02 02 1911.65 16488.02 13319.73
27 SUCCESS 06 06 3033.71 16488.02 13319.73
19 SUCCESS 02 02 1769.39 13540.15 15249.54
25 SUCCESS 03 03 2631.35 15222.52 160559.68
25 SUCCESS 02 02 1216.78 12244.4 12244.4
28 SUCCESS 06 06 2313.64 14319.73 16633.37
29 SUCCESS 02 02 2072.52 16566.32 18638.85
makespan using SJF: 4905.6188026465
com.sjfs.SJF_Scheduler finished!

```



```

<terminated> SJF_Scheduler [Java Application] C:\Program Files\Java\jdk-11\bin\javaw.exe (04-Aug-2023, 9:49:46 am)
Starting SJF Scheduler...
Initializing new Matrices...
Starting Cloudsim version 3.0
Datacenter_0 is starting...
Datacenter_1 is starting...
Datacenter_2 is starting...
Datacenter_3 is starting...
Datacenter_4 is starting...
Datacenter_5 is starting...
Entities started.
0.0: Broker_0: Cloud Resource List received with 5 resource(s)
0.0: Broker_0: Trying to Create VM #2 in Datacenter_0
0.0: Broker_0: Trying to Create VM #4 in Datacenter_2
0.0: Broker_0: Trying to Create VM #5 in Datacenter_3
0.0: Broker_0: Trying to Create VM #6 in Datacenter_4
0.1: Broker_0: VM #2 has been created in Datacenter #2, Host #0
0.1: Broker_0: VM #3 has been created in Datacenter #3, Host #0
0.1: Broker_0: VM #4 has been created in Datacenter #4, Host #0
0.1: Broker_0: VM #5 has been created in Datacenter #5, Host #0
0.1: Broker_0: VM #6 has been created in Datacenter #6, Host #0
0.1: Broker_0: Sending cloudlet 1 to VM #2
0.1: Broker_0: Sending cloudlet 2 to VM #2
0.1: Broker_0: Sending cloudlet 3 to VM #6
0.1: Broker_0: Sending cloudlet 4 to VM #6
0.1: Broker_0: Sending cloudlet 5 to VM #2
0.1: Broker_0: Sending cloudlet 6 to VM #3
0.1: Broker_0: Sending cloudlet 7 to VM #3
0.1: Broker_0: Sending cloudlet 8 to VM #3
0.1: Broker_0: Sending cloudlet 9 to VM #6
0.1: Broker_0: Sending cloudlet 10 to VM #2
0.1: Broker_0: Sending cloudlet 11 to VM #4
0.1: Broker_0: Sending cloudlet 12 to VM #2
0.1: Broker_0: Sending cloudlet 13 to VM #6
0.1: Broker_0: Sending cloudlet 14 to VM #5
0.1: Broker_0: Sending cloudlet 15 to VM #4
0.1: Broker_0: Sending cloudlet 16 to VM #3
0.1: Broker_0: Sending cloudlet 17 to VM #5
0.1: Broker_0: Sending cloudlet 18 to VM #3
0.1: Broker_0: Sending cloudlet 19 to VM #2
0.1: Broker_0: Sending cloudlet 20 to VM #3
0.1: Broker_0: Sending cloudlet 21 to VM #5
0.1: Broker_0: Sending cloudlet 22 to VM #6
0.1: Broker_0: Sending cloudlet 23 to VM #4
0.1: Broker_0: Sending cloudlet 24 to VM #5
0.1: Broker_0: Sending cloudlet 25 to VM #2
0.1: Broker_0: Sending cloudlet 26 to VM #3
0.1: Broker_0: Sending cloudlet 27 to VM #6
0.1: Broker_0: Sending cloudlet 28 to VM #6
0.1: Broker_0: Sending cloudlet 29 to VM #2
2761.18: Broker_0: Cloudlet 11 received
2810.9159999999997: Broker_0: Cloudlet 7 received
3235.624: Broker_0: Cloudlet 0 received
3909.456: Broker_0: Cloudlet 15 received

```

All Applications

ID	User	Name	Application Type	Owner	Application Priority	Start Time	Finish Time	State	Final Status	Running Containments	Allocated CPU VDores	Allocated Memory MB	% of Queue	% of Cluster	Progress	Tracking UI	Block Nodes
0										No data available in table							

Overview "localhost:9000" (active)

Started:	Mon Aug 21 13:46:51 +0530 2023
Version:	2.8.0_r912877@13c1e975e65d8f939a6c6270129ac0009
Compiled:	Fri Mar 17 09:42:00 +0530 2017 by yu from branch-2.8.0
Cluster ID:	CID-25a9c2f1-8056-4077-8071-e5416549e063
Block Pool ID:	BP-670754355-192.168.56.1.169300426864

Summary

Security is off.

Safe mode is ON. The reported blocks 0 needs additional 5 blocks to reach the threshold 0.9990 of total blocks 6. The number of live datanodes 0 has reached the minimum number 0.

15 Red and decommissioned, 6 healthy + 25 total (threshold 0.99).

Heap Memory used 40.33 MB of 128.0 MB Heap Memory. Max Heap Memory is 889 MB.

Non-Heap Memory used 40.33 MB of 41.33 MB Committed Non-Heap Memory. Max Non-Heap Memory is -unbounded-

Configured Capacity:	0.0
DFS Used:	0.0 (100%)
Non DFS Used:	0.0
DFS Remaining:	0.0 (0%)
Block Pool Used:	0.0 (100%)
DataNodes usages(% Min/Median/Max/stdDev):	0.00% / 0.00% / 0.00% / 0.00%
Live Nodes:	0 (Decommissioned: 0)
Dead Nodes:	0 (Decommissioned: 0)

