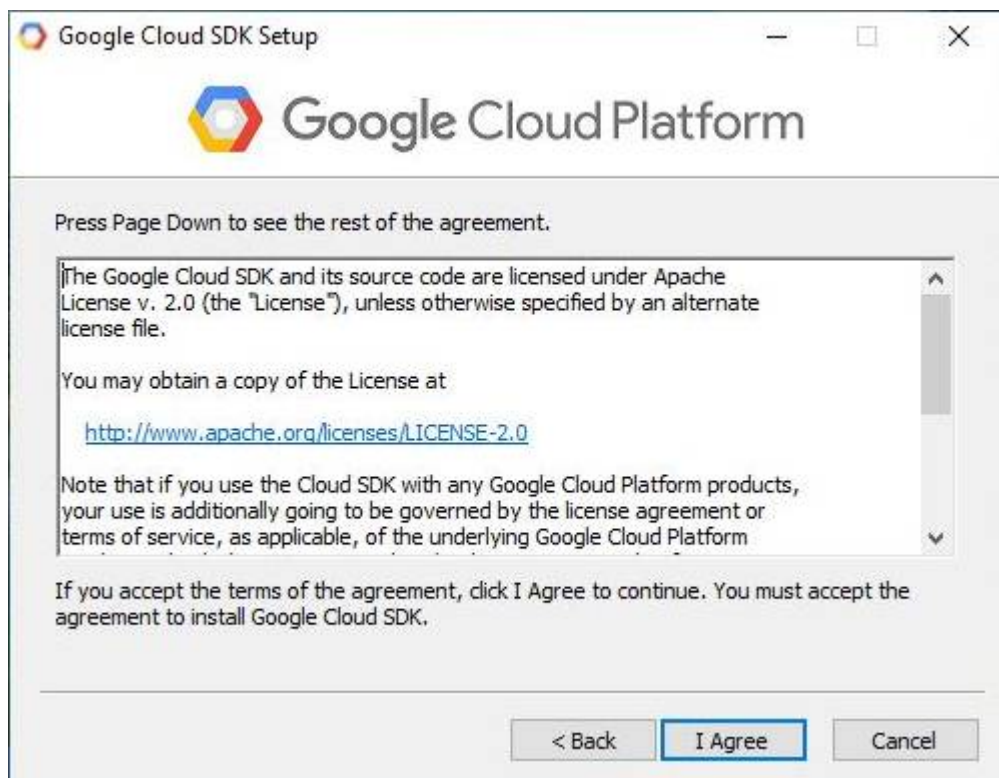
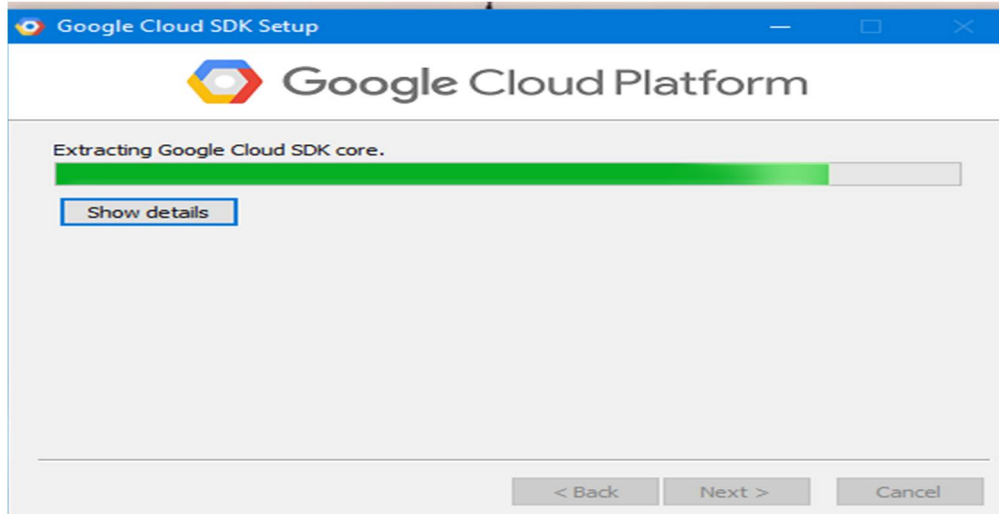


EX.NO:5

DATE:17-10-2020

Google App Engine

SCREENSHOTS:



```
>>> quit
Use quit() or Ctrl-Z plus Return to exit
>>> quit()

C:\Program Files (x86)\Google\Cloud SDK>google-cloud-sdk\bin\dev_appserver.py C:\U
This action requires the installation of components: [app-engine-
python, cloud-datastore-emulator]

Your current Cloud SDK version is: 315.0.0
Installing components from version: 315.0.0

+-----+
|           These components will be installed.           |
+-----+-----+-----+
|           Name           | Version |   Size   |
+-----+-----+-----+
| Cloud Datastore Emulator |   2.1.0 | 18.4 MiB |
| gRPC python library      |   1.20.0 |   1.5 MiB |
| gRPC python library      |   1.20.0 |           |
| gcloud app Python Extensions | 1.9.91 |   6.1 MiB |
+-----+-----+-----+

For the latest full release notes, please visit:
https://cloud.google.com/sdk/release\_notes

Do you want to continue (Y/n)? y

#=====#
#= Creating update staging area                      =#
#=====#
#= Installing: Cloud Datastore Emulator              =#
#=====#
#= Installing: gRPC python library                   =#
#=====#
#= Installing: gRPC python library                   =#
#=====#
#= Installing: gcloud app Python Extensions          =#
#=====#
#= Creating backup and activating new installation    =#
#=====#

Performing post processing steps...done.
```

```
https://developers.google.com/appengine/docs/python/python25/diff27
INFO 2020-10-27 16:36:31,295 devappserver2.py:289] Skipping SDK update check.
WARNING 2020-10-27 16:36:40,861 simple_search_stub.py:1198] Could not read search indexes from c:\users\s681e~1.nav\appdata\local\temp\appengine.None\search_indexes
INFO 2020-10-27 16:36:40,914 api_server.py:282] Starting API server at: http://localhost:52484
INFO 2020-10-27 16:36:40,934 dispatcher.py:267] Starting module "default" running at: http://localhost:8080
INFO 2020-10-27 16:36:40,947 admin_server.py:150] Starting admin server at: http://localhost:8080
INFO 2020-10-27 16:36:52,219 instance.py:294] Instance PID: 9652
```

The top screenshot shows the Google App Engine console interface. The left sidebar lists various tools: dev~None, Instances, Datastore Viewer, Datastore Indexes, Datastore Stats, Interactive Console, Memcache Viewer, Blobstore Viewer, Task Queues, Cron Jobs, and XMPP. The main area displays the 'Instances' table with columns for Latency (ms), QPS, Total Requests, and Runtime. A single instance named 'default' is listed with a latency of 0.0, QPS of 0.00, and 0 total requests, running on 'python'.


The bottom screenshot shows a web browser window with the URL 'localhost:8080'. The browser's tab bar includes several open tabs: 'Course: IT8', 'Fwd: - nave', 'Thank you', 'Home - My', 'Google Clo', 'You are now', 'gcloud con', 'Instances', and 'localhost:8080'. The browser address bar shows 'localhost:8080' and the page content displays 'Hello world'.

CODE:

```
C:\Users\Nivetha Kumaran\Desktop\7th sem\Cloud Computing Lab\app.yaml - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

app.yaml  order.jsp x  payment.jsp x  welcome.html x  bank.html x  ba

1  runtime: python;
2  api_version: 1;
3  threadsafe: true;
4
5  handlers:
6  - url: /
7    script: test.app
8
```

 test.py - C:/Users/Nivetha Kumaran/Desktop/7th sem/Cloud Computing Lab/test.py (3.8.1)

File Edit Format Run Options Window Help

```
import webapp2
class MainPage(webapp2.RequestHandler):
    def get(self):
        self.response.write("Hello world")
app=webapp2.WSGIApplication([('/',MainPage)],debug=True)|
```