



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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Experiment 1.4

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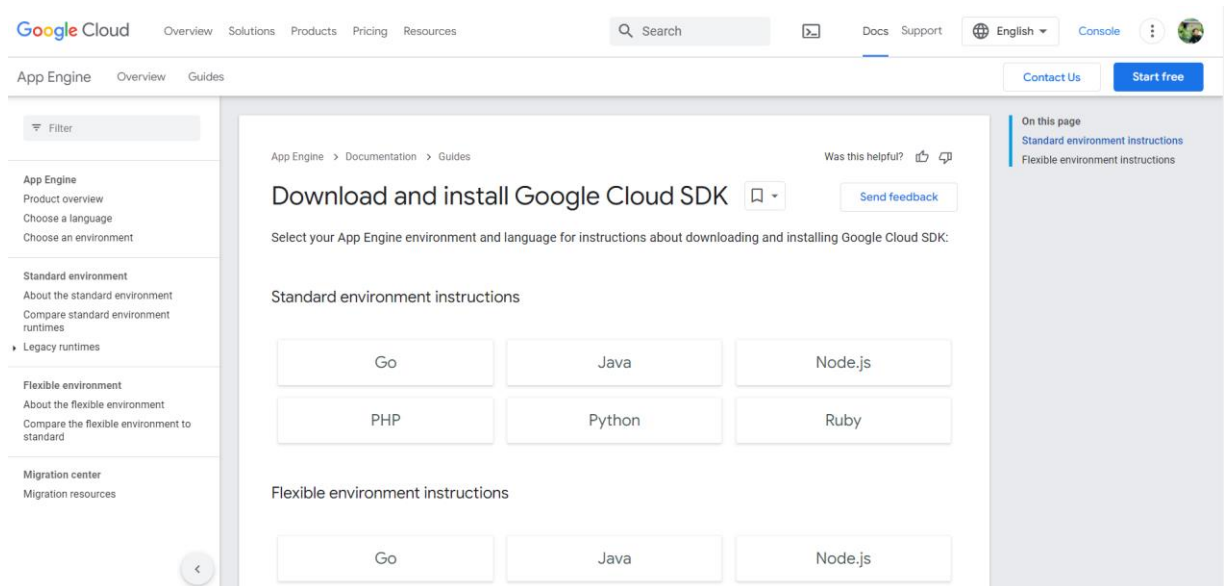
Subject Name: Cloud Computing & Distributed Systems

Subject Code: 21CSP-378

1. Aim: Use of GAE launcher to launch the web applications

2. Procedure:

Step 1: Open google search JAE launcher.

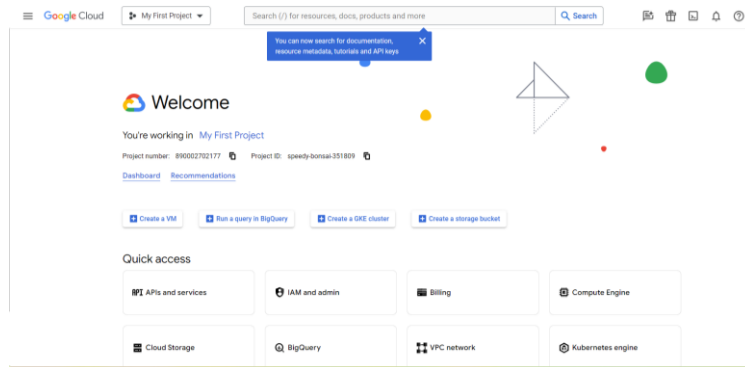


Step 2: Go to Console and open Cloud shell

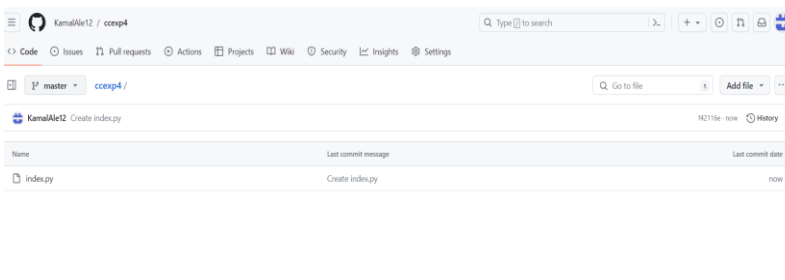
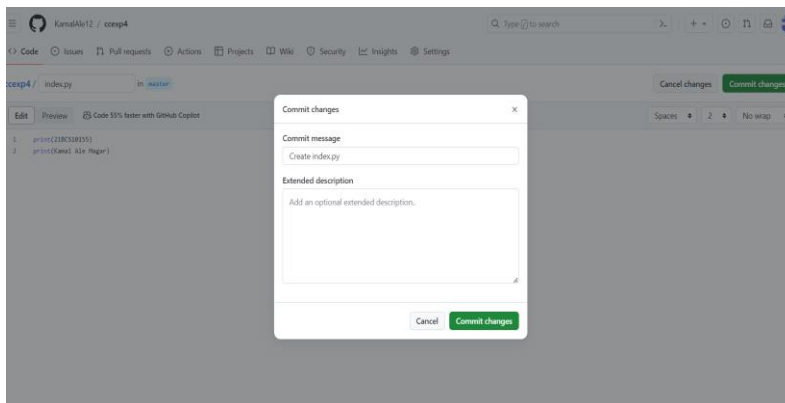


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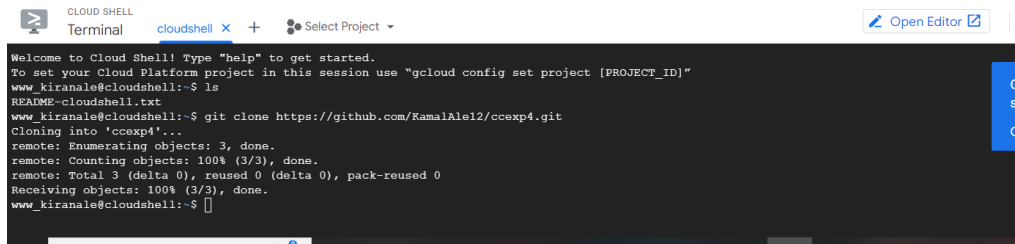
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Step 3: Now open GitHub and create one repository and one file with index.py

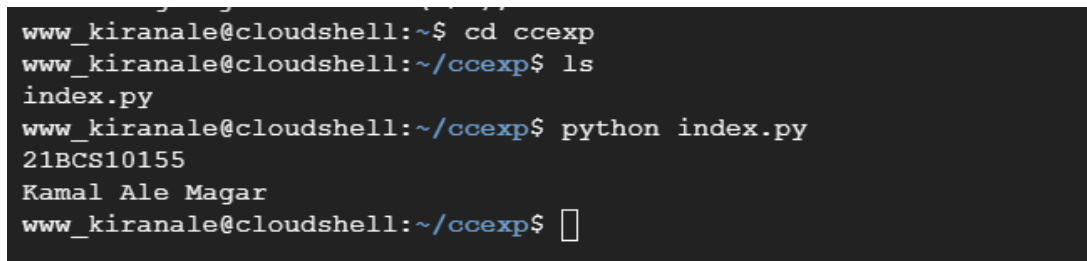


Step 4: Once the file is created, git clone in cloud shell.



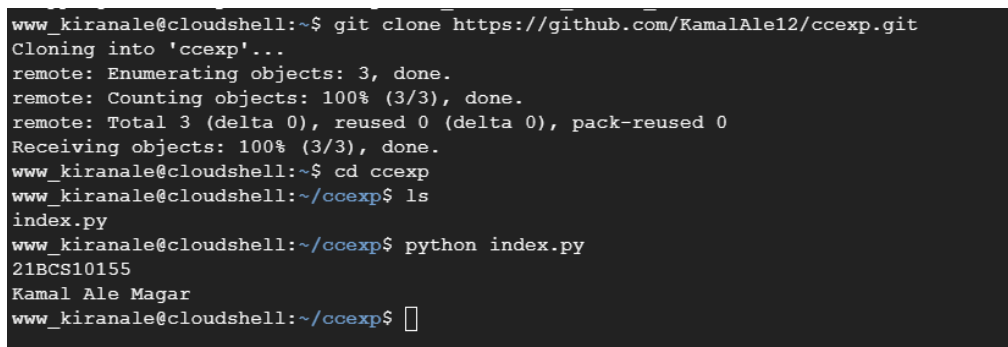
```
CLOUD SHELL
Terminal cloudshell x + Select Project
Welcome to Cloud Shell! Type "help" to get started.
To set your Cloud Platform project in this session use "gcloud config set project [PROJECT_ID]"
www_kiranale@cloudshell:~$ ls
README-cloudshell.txt
www_kiranale@cloudshell:~$ git clone https://github.com/KamalAle12/ccexp4.git
Cloning into 'ccexp4'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
www_kiranale@cloudshell:~$
```

Step 5: Now change the directory and run the file



```
www_kiranale@cloudshell:~$ cd ccexp
www_kiranale@cloudshell:~/ccexp$ ls
index.py
www_kiranale@cloudshell:~/ccexp$ python index.py
21BCS10155
Kamal Ale Magar
www_kiranale@cloudshell:~/ccexp$
```

Output:-



```
www_kiranale@cloudshell:~$ git clone https://github.com/KamalAle12/ccexp4.git
Cloning into 'ccexp'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
www_kiranale@cloudshell:~$ cd ccexp
www_kiranale@cloudshell:~/ccexp$ ls
index.py
www_kiranale@cloudshell:~/ccexp$ python index.py
21BCS10155
Kamal Ale Magar
www_kiranale@cloudshell:~/ccexp$
```

Learning Outcome:

- Learn how to google cloud.
- Understand the concept of GRE launcher
- Understand how to host web applications.