

EXPERIMENT NO : 2

The image shows two screenshots of the AWS Cloud9 console interface. The top screenshot displays the 'Welcome to AWS Cloud9' page with the heading 'AWS Cloud9 A cloud IDE for writing, running, and debugging code'. It includes a 'New AWS Cloud9 environment' button labeled 'Create environment'. The bottom screenshot shows the 'Create environment' form with the following details:

- Environment name and description**
- Name**: The name needs to be unique per user. You can update it at any time in your environment settings. The input field contains 'Experiment2'. Limit: 60 characters.
- Description - Optional**: This will appear on your environment's card in your dashboard. You can update it at any time in your environment settings. The input field contains 'Write a short description for your environment'. Limit: 200 characters.
- Buttons: 'Cancel' and 'Next step'.

The interface includes a top navigation bar with the AWS logo, a search bar, and a user profile dropdown. The bottom status bar shows the date and time as 02-10-2022, 17:48.

Create a new environment

us-west-2.console.aws.amazon.com/cloud9/home/create

Environment settings

Environment type [Info](#)

Run your environment in a new EC2 instance or an existing server. With EC2 instances, you can connect directly through Secure Shell (SSH) or connect via AWS Systems Manager (without opening inbound ports).

- ☒ **Create a new EC2 instance for environment (direct access)**
Launch a new instance in this region that your environment can access directly via SSH.
- ☐ **Create a new no-ingress EC2 instance for environment (access via Systems Manager)**
Launch a new instance in this region that your environment can access through Systems Manager.
- ☐ **Create and run in remote server (SSH connection)**
Configure the secure connection to the remote server for your environment.

Instance type

- ☒ **t2.micro (1 GiB RAM + 1 vCPU)**
Free-tier eligible. Ideal for educational users and exploration.
- ☐ **t3.small (2 GiB RAM + 2 vCPU)**
Recommended for small-sized web projects.
- ☐ **m5.large (8 GiB RAM + 2 vCPU)**
Recommended for production and general-purpose development.
- ☐ **Other instance type**
Select an instance type.

t3.nano

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ENG IN 17:49 02-10-2022

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t3.nano

Platform

- ☐ Amazon Linux 2 (recommended)
- ☐ Amazon Linux AMI
- ☒ **Ubuntu Server 18.04 LTS**

Cost-saving setting

Choose a predetermined amount of time to auto-hibernate your environment and prevent unnecessary charges. We recommend a hibernation settings of half an hour of no activity to maximize savings.

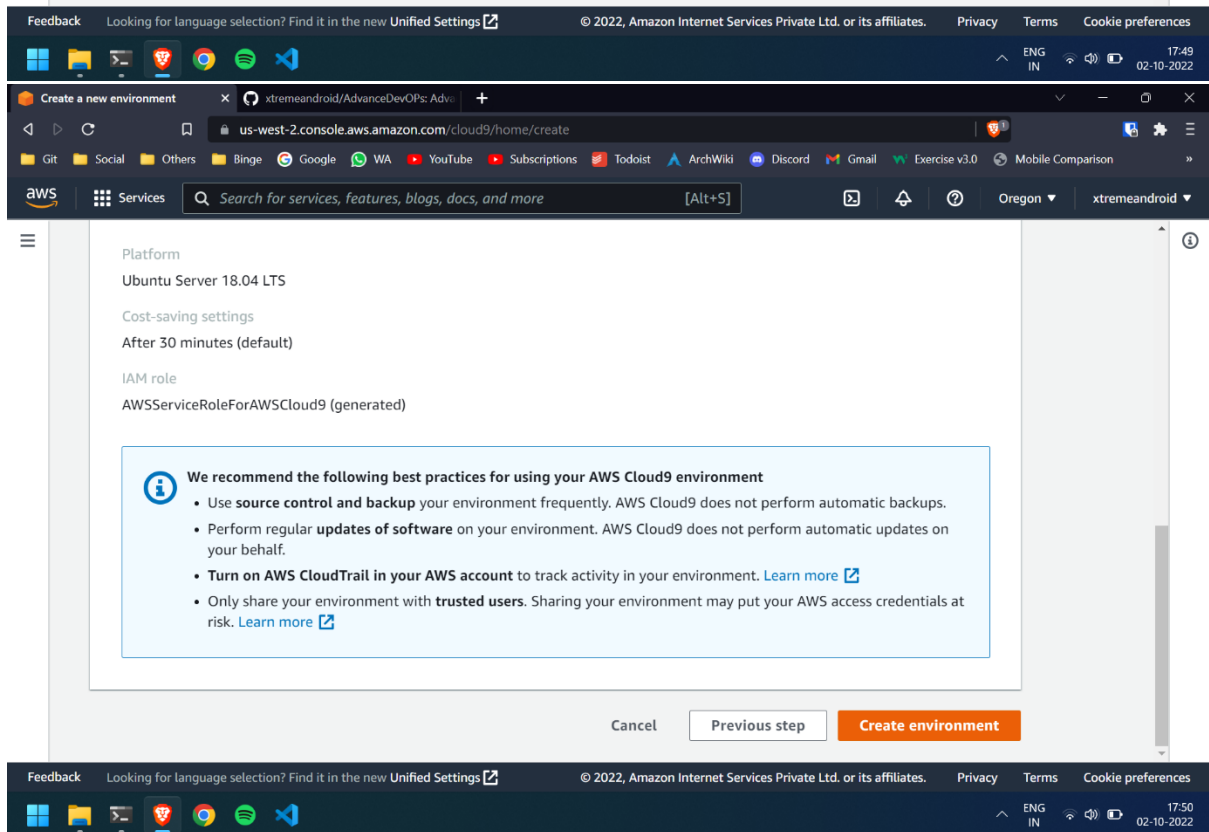
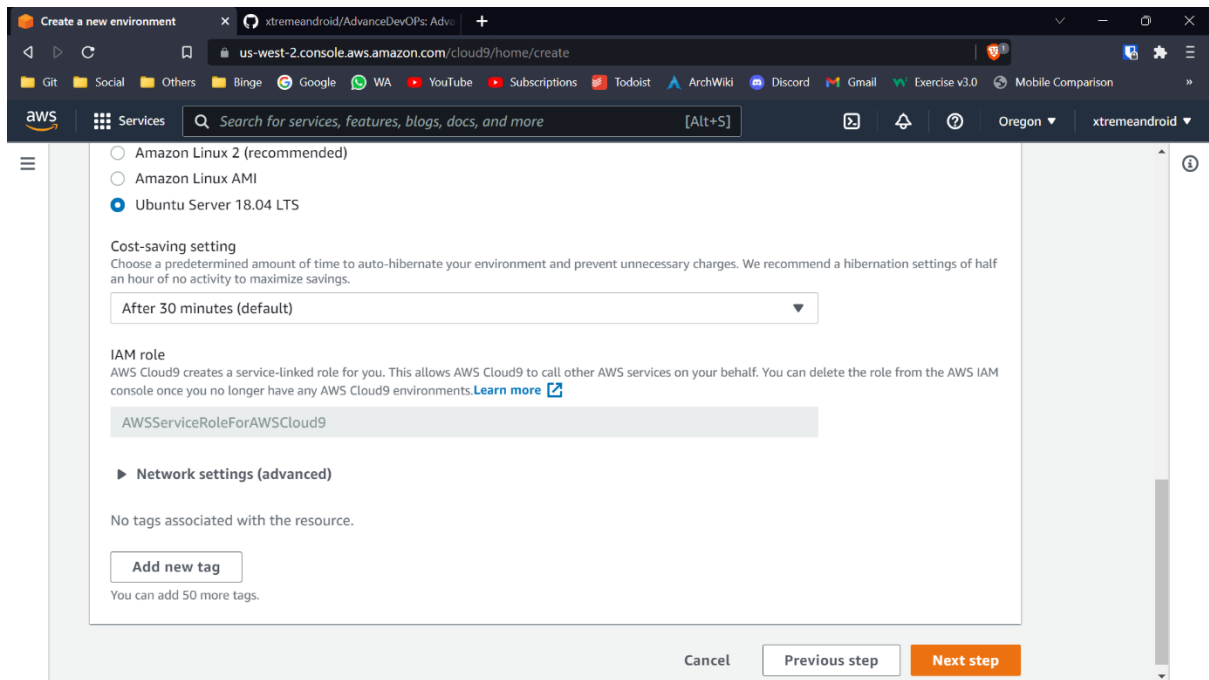
After 30 minutes (default)

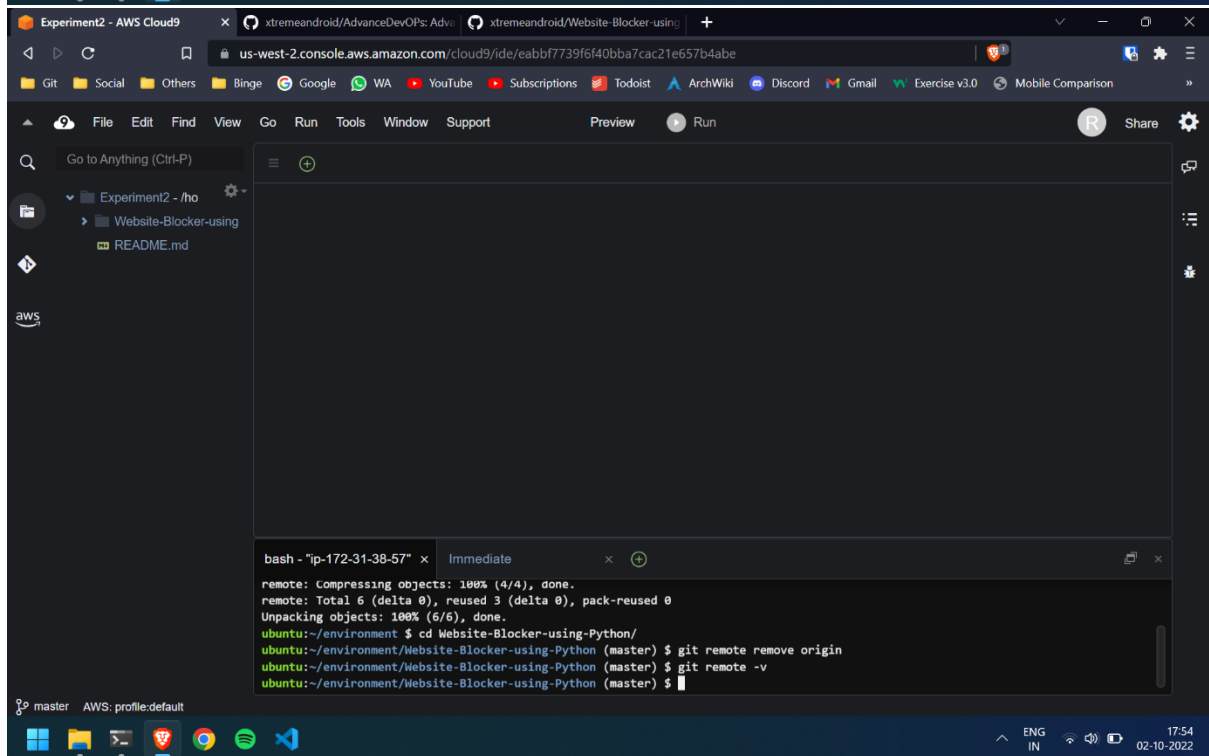
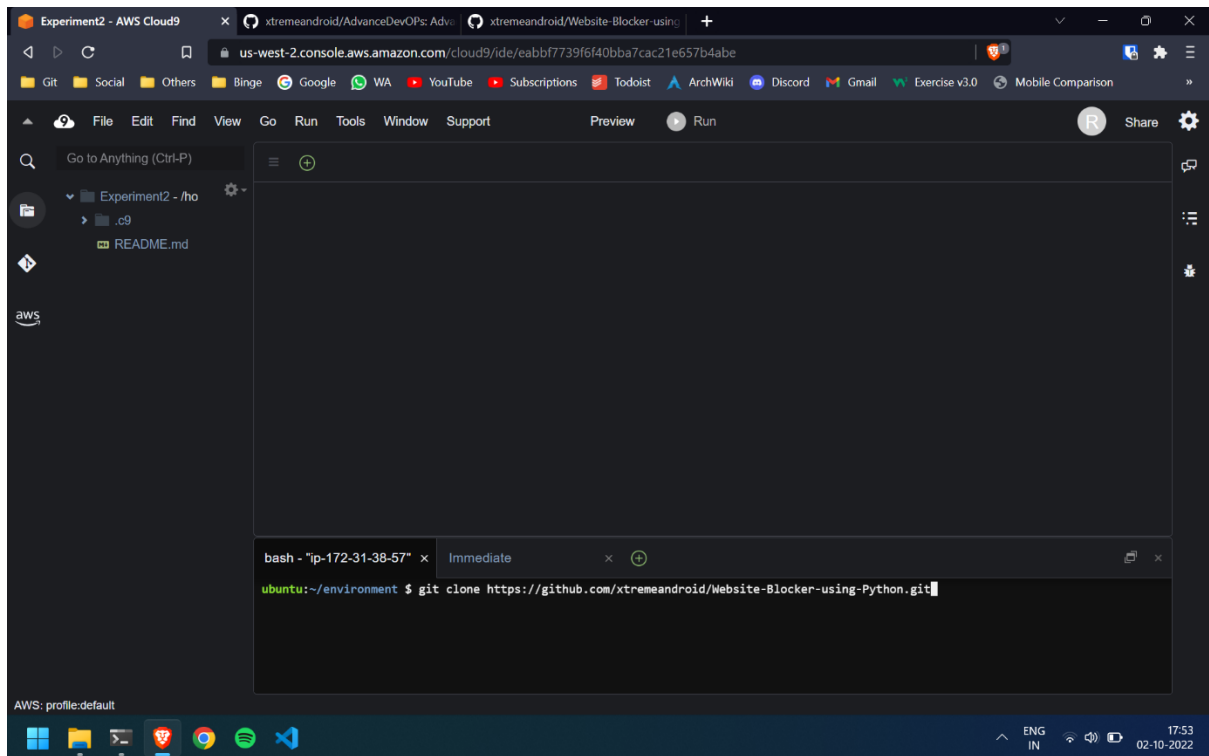
IAM role

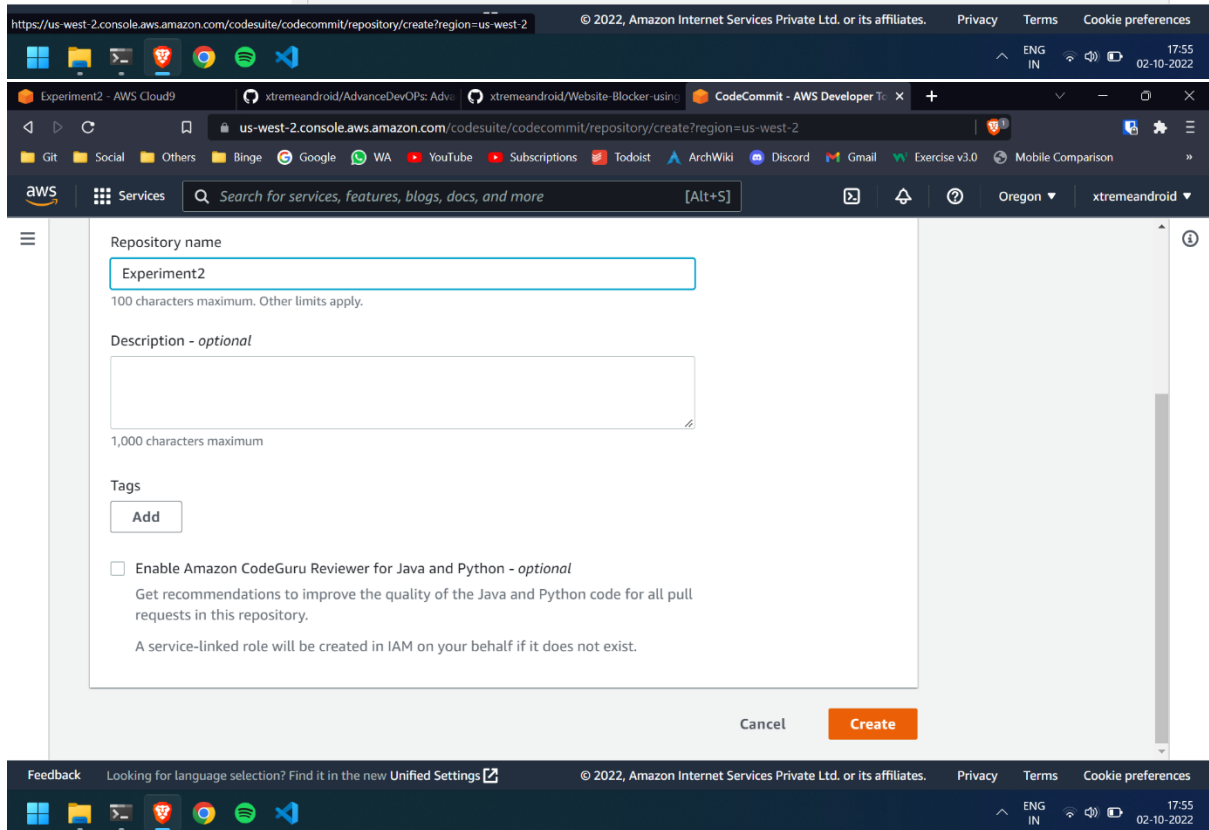
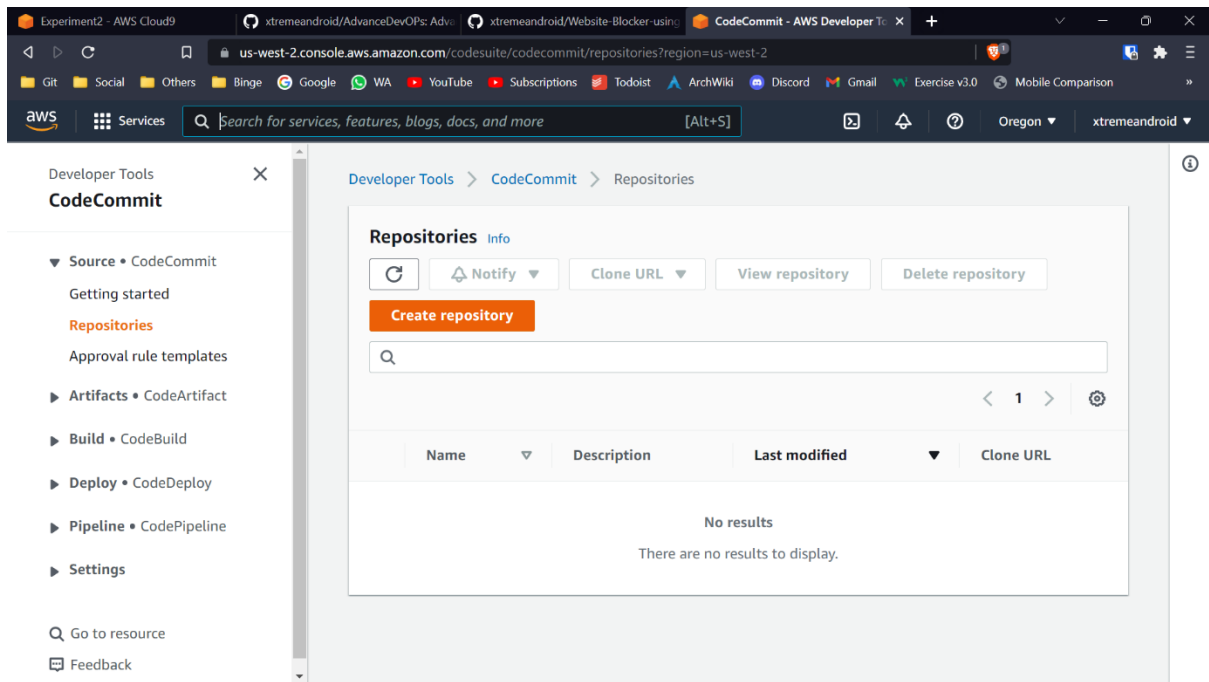
AWS Cloud9 creates a service-linked role for you. This allows AWS Cloud9 to call other AWS services on your behalf. You can delete the role from the AWS IAM console once you no longer have any AWS Cloud9 environments. [Learn more](#)

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Experiment2 - AWS Cloud9

us-west-2.console.aws.amazon.com/codesuite/codecommit/repositories/Experiment2/setup?region=us-west-2

Developer Tools

CodeCommit

Source • CodeCommit

Getting started

Repositories

Code

Pull requests

Commits

Branches

Git tags

Settings

Approval rule templates

Artifacts • CodeArtifact

Build • CodeBuild

Deploy • CodeDeploy

Success

Repository successfully created

Create a notification rule for this repository

Copied

https://git-codecommit.us-west-2.amazonaws.com/v1/repos/Experiment2

Developer Tools > CodeCommit > Repositories > Experiment2

Experiment2

Clone URL ▲

Clone HTTPS

Clone SSH

Clone HTTPS (GRC)

Connection steps

HTTPS | SSH | HTTPS (GRC)

You are signed in using a root account. You cannot configure SSH connections for a root account, and HTTPS connections for a root account are not recommended. Consider signing in as an IAM user and then setting up your connection.

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Experiment2 - AWS Cloud9

us-west-2.console.aws.amazon.com/cloud9/ide/eabbf7739f6f40bba7cac21e657b4abe

File Edit Find View Go Run Tools Window Support Preview Run

Go to Anything (Ctrl-P)

Experiment2 - /ho

Website-Blocker-using

README.md

aws

```
bash - "ip-172-31-38-57" x Immediate x + x
ubuntu:~/environment/Website-Blocker-using-Python (master) $ git remote add origin https://git-codecommit.us-west-2.amazonaws.com/v1/repos/Experiment2
ubuntu:~/environment/Website-Blocker-using-Python (master) $ git remote -v
origin https://git-codecommit.us-west-2.amazonaws.com/v1/repos/Experiment2 (fetch)
origin https://git-codecommit.us-west-2.amazonaws.com/v1/repos/Experiment2 (push)
ubuntu:~/environment/Website-Blocker-using-Python (master) $
```

master AWS: profile:default

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Experiment2 - AWS Cloud9 x xtremeandroid/AdvanceDevOPs: Adv xtremeandroid/Website-Blocker-using CodeCommit - AWS Developer Tools +

us-west-2.console.aws.amazon.com/cloud9/ide/eabbf7739f6f40bba7cac21e657b4abe

Git Social Others Bing Google WA YouTube Subscriptions Todoist ArchWiki Discord Gmail Exercise v3.0 Mobile Comparison

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Go to Anything (Ctrl-P)

Experiment2 - /ho Website-Blocker-using README.md WebsiteBlocker.py README.md

aws

```
1 from tkinter import *
2 from tkinter import ttk
3 from tkinter import messagebox as mb
4 # Tkinter is Python's de-facto standard GUI (Graphical User Interface) package. It is a thin object-oriented layer on top of
5
6 # ttk module provides access to the Tk themed widget set, introduced in Tk 8.5. If Python has not been compiled against Tk 8
7
8 hostsFile_path = r"C:\Windows\System32\drivers\etc\hosts"
9 localhost = "127.0.0.2"
10
11 # Host File is used to map a domain, add a line based on the examples in the HOSTS file.
12
13 # Start with the target IP address, then a space, then the domain name. If you want to block a website, add an entry like
14 # 127.0.0.1 www.example.com
15 # Defining functions using def keyword
```

9:23 Python Spaces: 4

bash - "ip-172-31-38-57" x Immediate x

```
ubuntu:~/environment/Website-Blocker-using-Python (master) $ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   WebsiteBlocker.py

no changes added to commit (use "git add" and/or "git commit -a")
ubuntu:~/environment/Website-Blocker-using-Python (master) $
```

master AWS: profile:default

ENG IN 17:57 02-10-2022

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us-west-2.console.aws.amazon.com/cloud9/ide/eabbf7739f6f40bba7cac21e657b4abe

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```
no changes added to commit (use "git add" and/or "git commit -a")
ubuntu:~/environment/Website-Blocker-using-Python (master) $
ubuntu:~/environment/Website-Blocker-using-Python (master) $ git add .
ubuntu:~/environment/Website-Blocker-using-Python (master) $ git commit -m "update"
[master 9a60102] update
Committer: Ubuntu <ubuntu@ip-172-31-38-57.us-west-2.compute.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

Please do this, you may find this message useful for this commit with:
```

master AWS: profile:default

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Experiment2 - AWS Cloud9 x xtremeandroid/AdvanceDevOPs: Adv xtremeandroid/Website-Blocker-using CodeCommit - AWS Developer Tools +

us-west-2.console.aws.amazon.com/cloud9/ide/eabbf7739f6f40bba7cac21e657b4abe

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git - "p-172-31-38-57" x Immediate x +

```
ubuntu:~/environment/Website-Blocker-using-Python (master) $ git push origin master
Counting objects: 9, done.
Compressing objects: 100% (7/7), done.
Writing objects: 100% (9/9), 2.40 KiB | 819.00 KiB/s, done.
Total 9 (delta 1), reused 0 (delta 0)
To https://git-codecommit.us-west-2.amazonaws.com/v1/repos/Experiment2
 * [new branch]      master -> master
ubuntu:~/environment/Website-Blocker-using-Python (master) $
```

master AWS: profile:default

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us-west-2.console.aws.amazon.com/cloud9/ide/eabbf7739f6f40bba7cac21e657b4abe

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```
ubuntu:~/environment/Website-Blocker-using-Python (master) $ git log --oneline
9a60102 (HEAD -> master, origin/master) update
41f7cc7 .
97c6fe9 Initial commit
ubuntu:~/environment/Website-Blocker-using-Python (master) $
```

master AWS: profile:default

ENG IN 17:58 02-10-2022