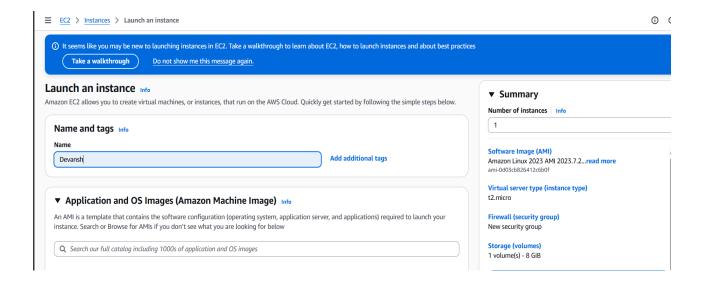
Name : Devansh Wadhwani Class: D15A Roll No : 64

ADVANCE DEVOPS EXPERIMENT: 1

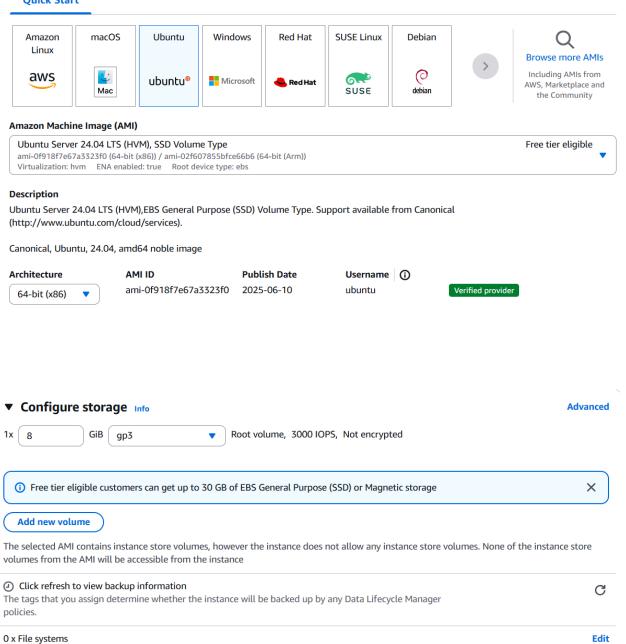
AIM: To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

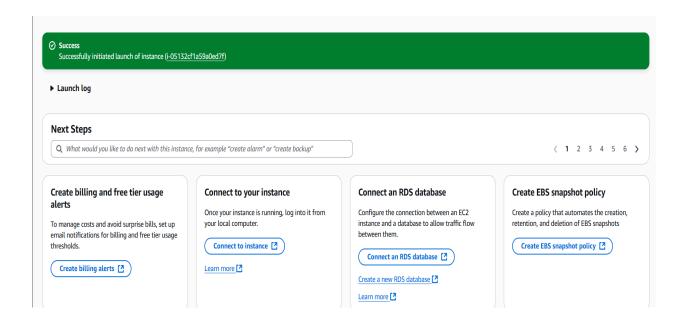
EC2 Instance Creation and static site hosting

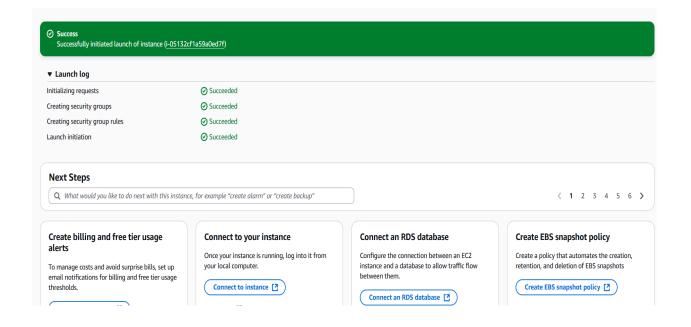


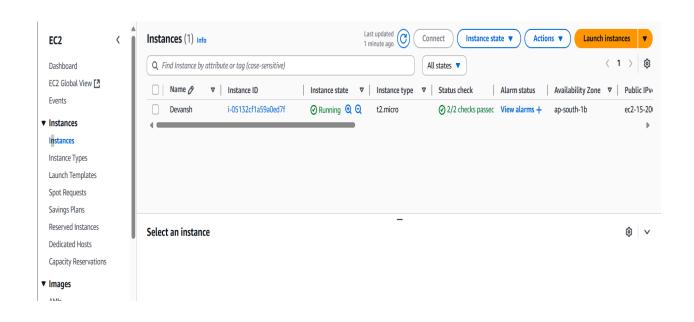
Name and tags Info		
Name		
	Devansh	Add additional tags

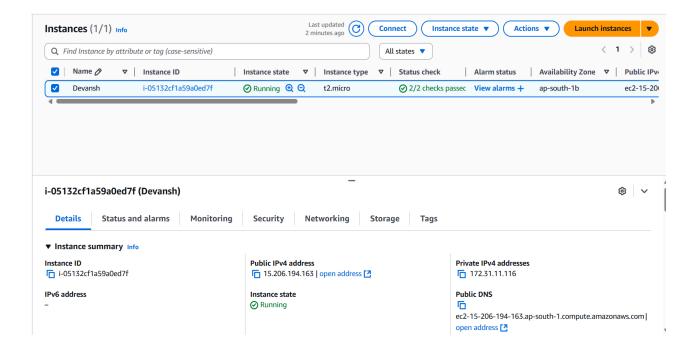
Quick Start









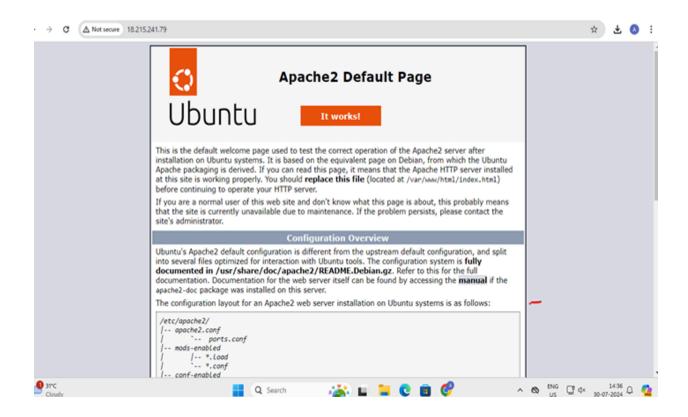


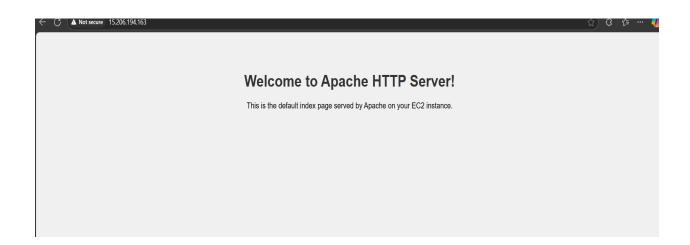
```
[ec2-user@ip-172-31-11-116 ~]$ ls
myfile.txt
[ec2-user@ip-172-31-11-116 ~]$ echo "hello"
hello
[ec2-user@ip-172-31-11-116 ~]$ cat myfile.txt
This is Advance Devops Lab
^C
[ec2-user@ip-172-31-11-116 ~]$
```

Command for writing index.html

sudo nano /var/www/html/index.html

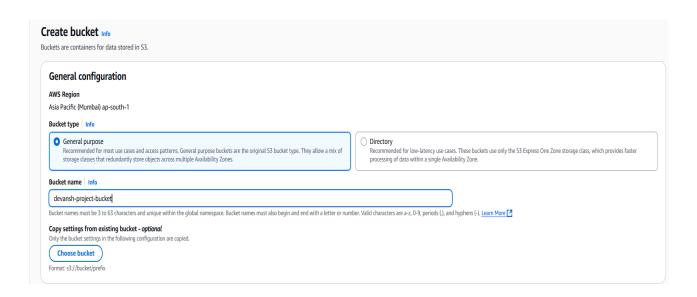
index.html

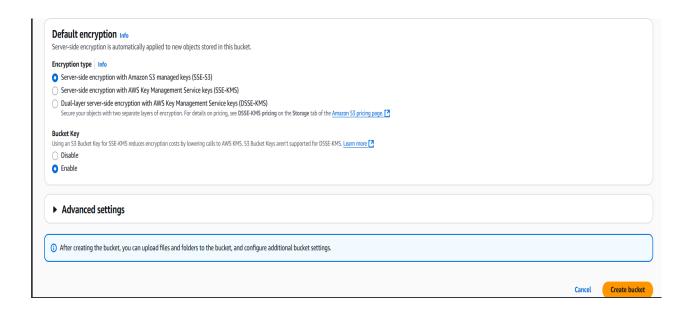


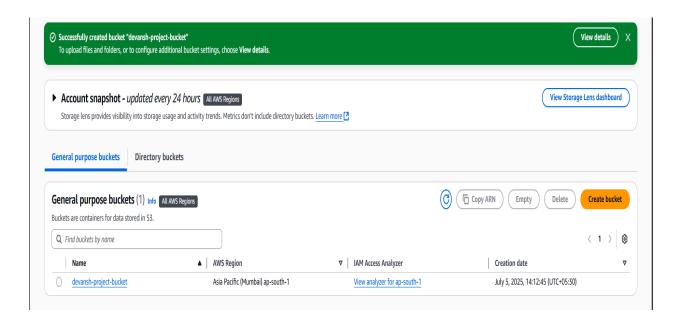


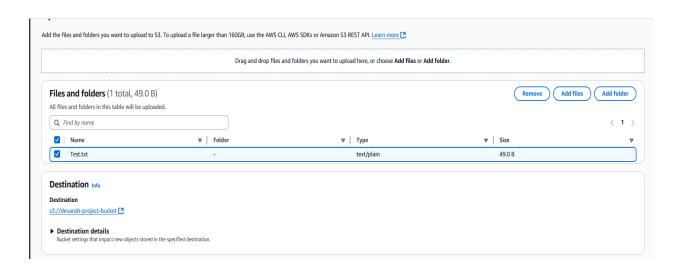
Browser is successfully connected!

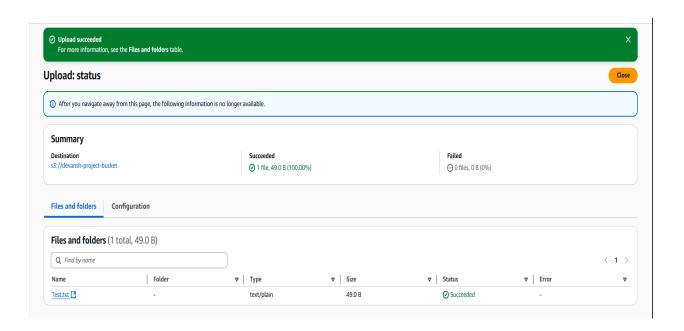
Create S3 bucket

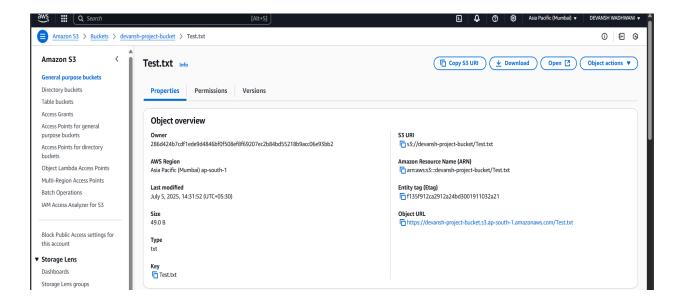








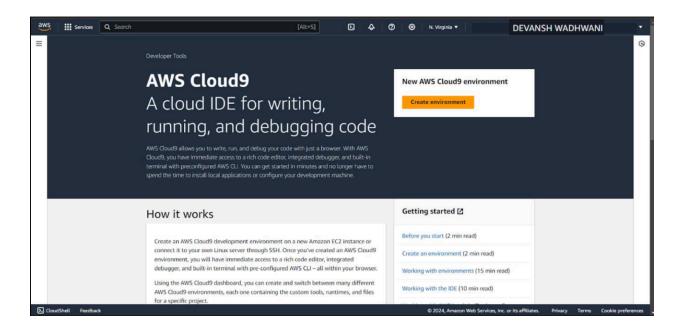


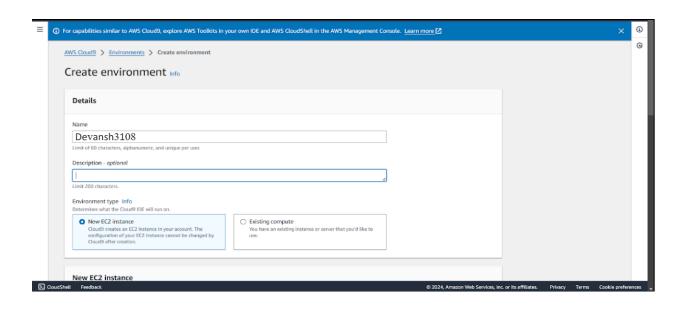


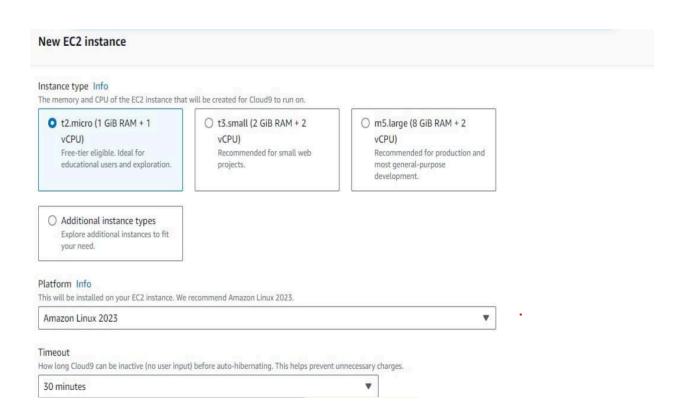
```
← C ⊕ https://devansh-project-bucket.s3.ap-south-1.amazonaws.com/Test.txt

Hi! This is hosting on AWS S3 bucket by Devansh!
```

Hosting Using Cloud9







Network settings Info Connection How your environment is accessed. AWS Systems Manager (SSM) O Secure Shell (SSH) Accesses environment via SSM without opening inbound Accesses environment directly via SSH, opens inbound ports (no ingress). ▶ VPC settings Info ► Tags - optional Info A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs. The following IAM resources will be created in your account AWSServiceRoleForAWSCloud9 - 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 🔀 AWSCloud9SSMAccessRole and AWSCloud9SSMInstanceProfile - A service role and an instance profile are automatically created if Cloud9 accesses its EC2 instance through AWS Systems Manager. If your environments no longer require EC2 instances that block incoming traffic, you can delete these roles using the AWS IAM console. Learn more 🔀 Cancel Create

C	Console password
	Autogenerated password You can view the password after you create the user.
C	Custom password
	Enter a custom password for the user.
	☐ Show password
	Users must create a new password at next sign-in - Recommended
	Users automatically get the IAMUserChangePassword 🔀 policy to allow them to change their own password.
	⑤ If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. Learn more

