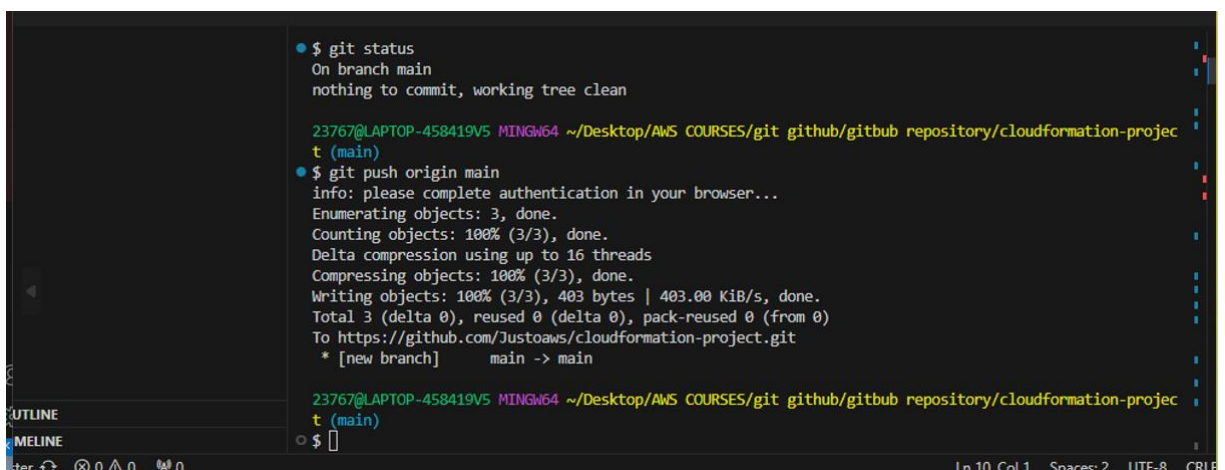
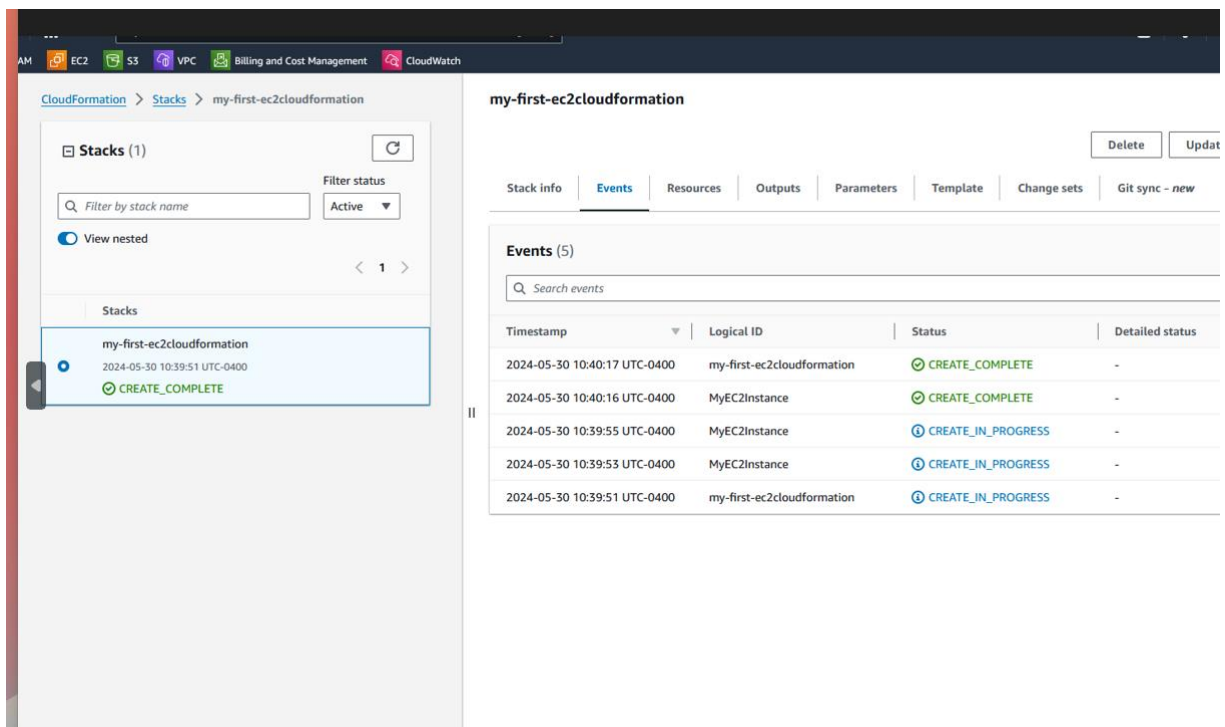
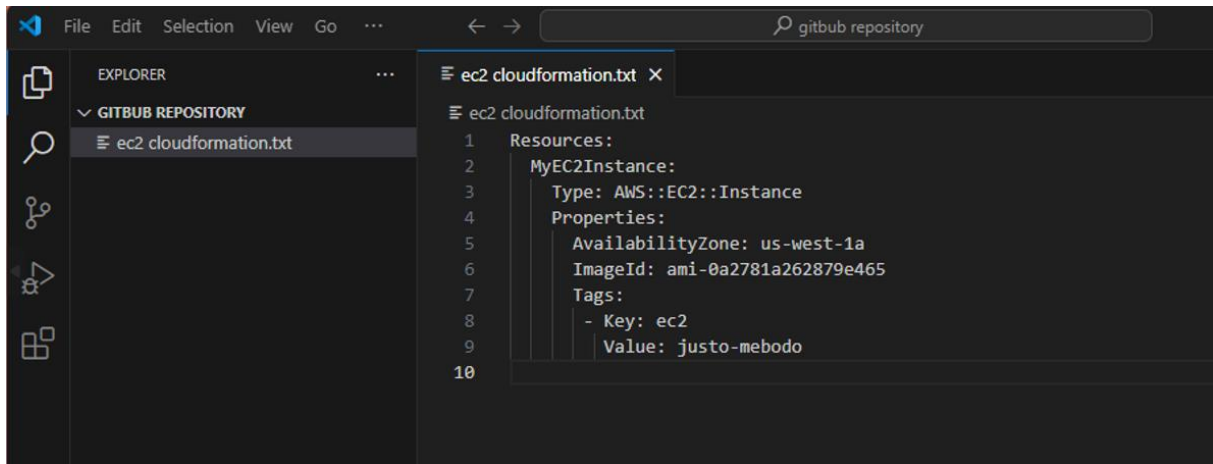


Project 1

Deploy an ec2 by using cloudformation



Project 2

Create a cloudformation stack using CLI

Template

```
AWSTemplateFormatVersion: '2010-09-09'
Description: AWS CloudFormation Template to create an EC2 instance

Resources:
  EC2Instance:
    Type: 'AWS::EC2::Instance'
    Properties:
      InstanceType: t2.micro
      ImageId: ami-00beae93a2d981137 # Replace with a valid AMI ID for your region

Outputs:
  InstanceId:
    Description: The Instance ID of the EC2 instance
    Value: !Ref EC2Instance
  PublicIP:
    Description: The public IP address of the EC2 instance
    Value: !GetAtt EC2Instance.PublicIp
```

```
C:\Users\23767>aws cloudformation create-stack --stack-name MyStack1 --template-url https://cloudformation-jus
onaws.com/ec2+template+for+virginia.txt
{
  "StackId": "arn:aws:cloudformation:us-east-1:533267010163:stack/MyStack1/6b9907b0-2023-11ef-8794-0e199c939
}

C:\Users\23767>
```

```
C:\Users\23767>aws cloudformation describe-stacks --stack-name MyStack1
{
  "Stacks": [
    {
      "StackId": "arn:aws:cloudformation:us-east-1:533267010163:stack/MyStack1/6b9907b0-2023-
d",
      "StackName": "MyStack1",
      "Description": "AWS CloudFormation Template to create an EC2 instance",
      "CreationTime": "2024-06-03T18:08:38.361000+00:00",
      "RollbackConfiguration": {},
      "StackStatus": "CREATE_COMPLETE",
      "DisableRollback": false,
      "NotificationARNs": [],
      "Outputs": [
        {
          "OutputKey": "InstanceId",
          "OutputValue": "i-0fa85d41d07d26114",
          "Description": "The Instance ID of the EC2 instance"
        },
        {
          "OutputKey": "PublicIP",
          "OutputValue": "54.87.137.106",
          "Description": "The public IP address of the EC2 instance"
        }
      ],
      "Tags": [],
      "EnableTerminationProtection": false,
      "DriftInformation": {
        "StackDriftStatus": "NOT_CHECKED"
      }
    }
  ]
}
```

<https://github.com/Justoaws/cloudformationproject>