Instructions

Using source code:

1. Enter your access key (line 46) and secret key (line 47) here as shown in the screenshot

```
static {
    // Your accesskey and secretkey
    AWS_CREDENTIALS = new BasicAWSCredentials(
            "access key",
            "secret key"
    );
}
```

2. Enter the key pair name (line 58) and security group (line 59) where you want to create the EC2 instance

```
// Launch an Amazon EC2 Instance
RunInstancesRequest runInstancesRequest = new RunInstancesRequest().withImageId("ami-00d
        .withInstanceType("t2.micro")
        .withMinCount(1)
        .withMaxCount(1)
        .withKeyName("key pair name")                  //Enter your key pair name
        .withSecurityGroupIds("security group");    //Enter your security group id here
```

3. Enter tags (line 69) if any

```
// Setting up the tags for the instance
CreateTagsRequest createTagsRequest = new CreateTagsRequest()
        .withResources(instance.getInstanceId())
        .withTags(new Tag("Name", "AWS Test"));         //Enter your tags here
ec2Client.createTags(createTagsRequest);
```
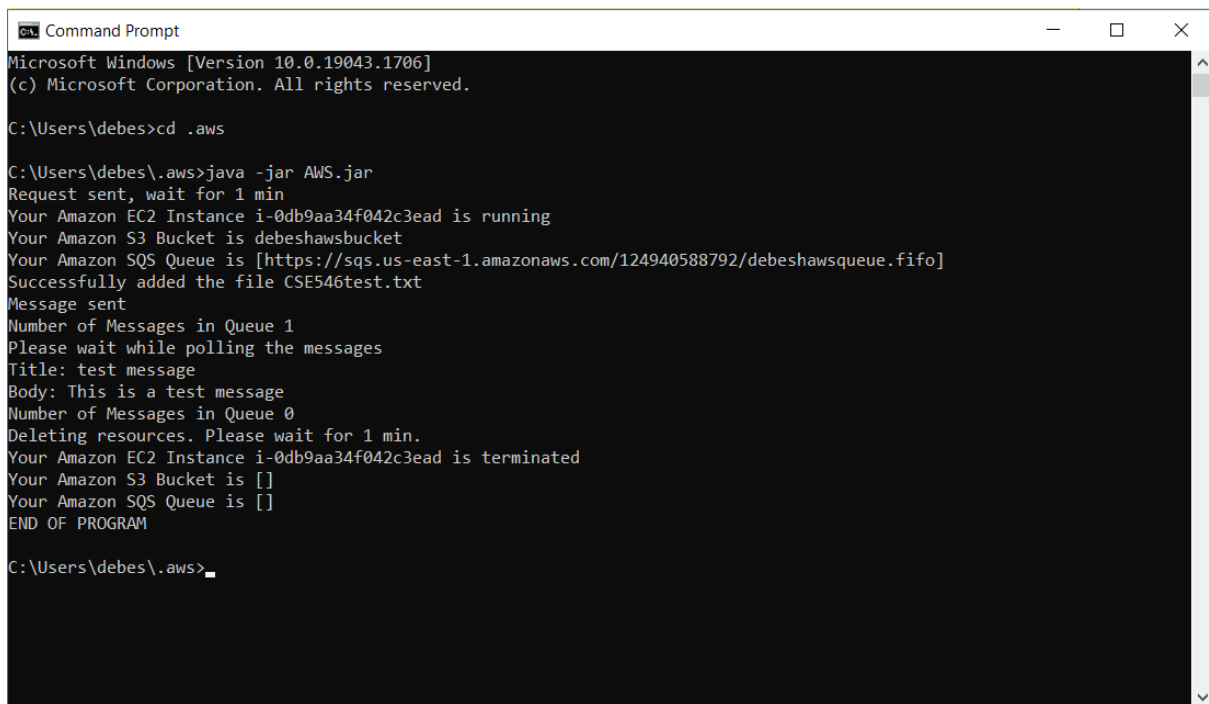
4. Compile and run the project.

Using Jar File

Just run the jar file using command line through relevant applications like Terminal (Mac/linux) or Command Prompt (Windows). If you don't run it through command line then you can't see the output, but the process will still be executed.

However, since the jar file is compiled with my keys, the resources will be created in my AWS account but output will be visible.

Screenshots

```
Command Prompt                                                    —    □    ✕

Microsoft Windows [Version 10.0.19043.1706]
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C:\Users\debes>cd .aws

C:\Users\debes\.aws>java -jar AWS.jar
Request sent, wait for 1 min
Your Amazon EC2 Instance i-0db9aa34f042c3ead is running
Your Amazon S3 Bucket is debeshawsbucket
Your Amazon SQS Queue is [https://sqs.us-east-1.amazonaws.com/124940588792/debeshawsqueue.fifo]
Successfully added the file CSE546test.txt
Message sent
Number of Messages in Queue 1
Please wait while polling the messages
Title: test message
Body: This is a test message
Number of Messages in Queue 0
Deleting resources. Please wait for 1 min.
Your Amazon EC2 Instance i-0db9aa34f042c3ead is terminated
Your Amazon S3 Bucket is []
Your Amazon SQS Queue is []
END OF PROGRAM

C:\Users\debes\.aws>_
```