Deep Chavan

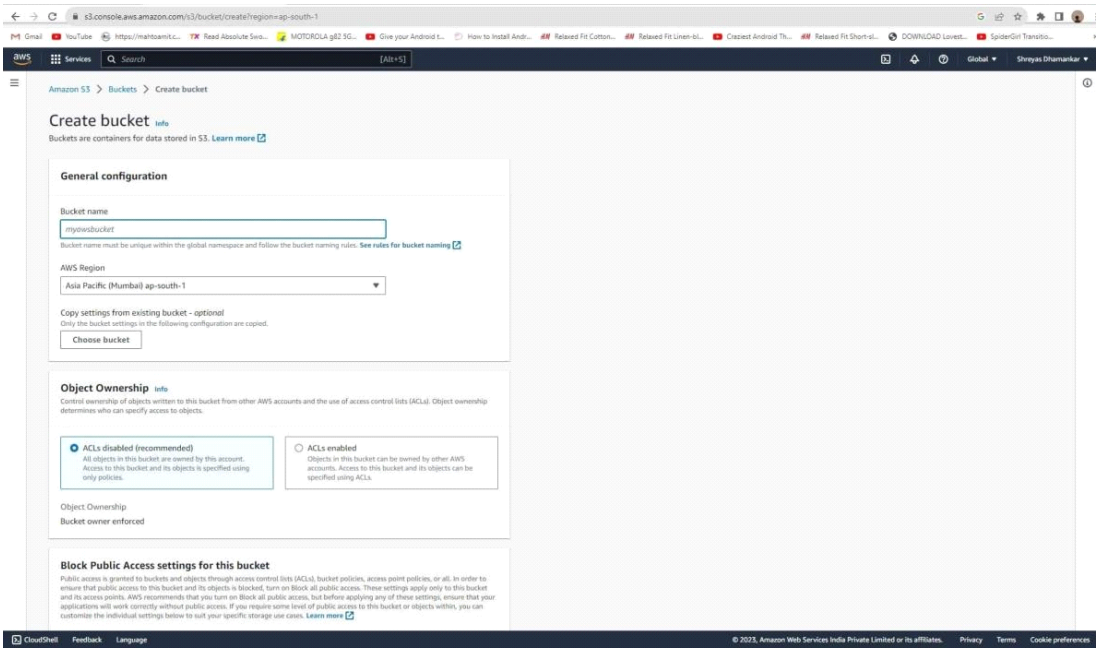
T11-15

Assignment No. 7

Aim: To learn how to use Lamda in order to run a simple program from S3 Bucket.

Theory:

Create bucket:



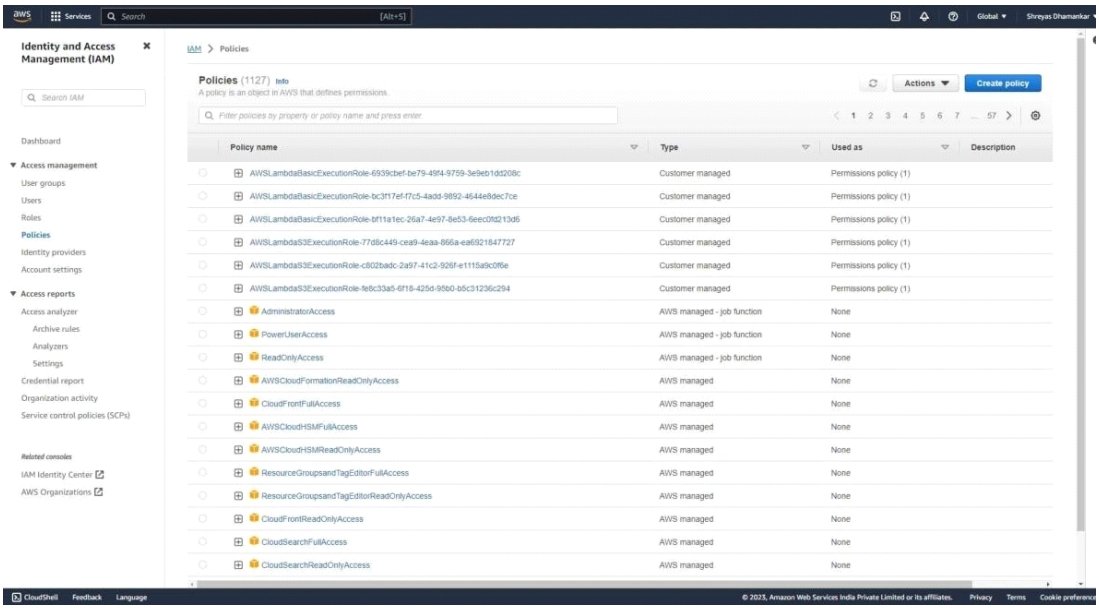
create a new policy from iam dashboard;

while creating policy select json tab and paste the following code:

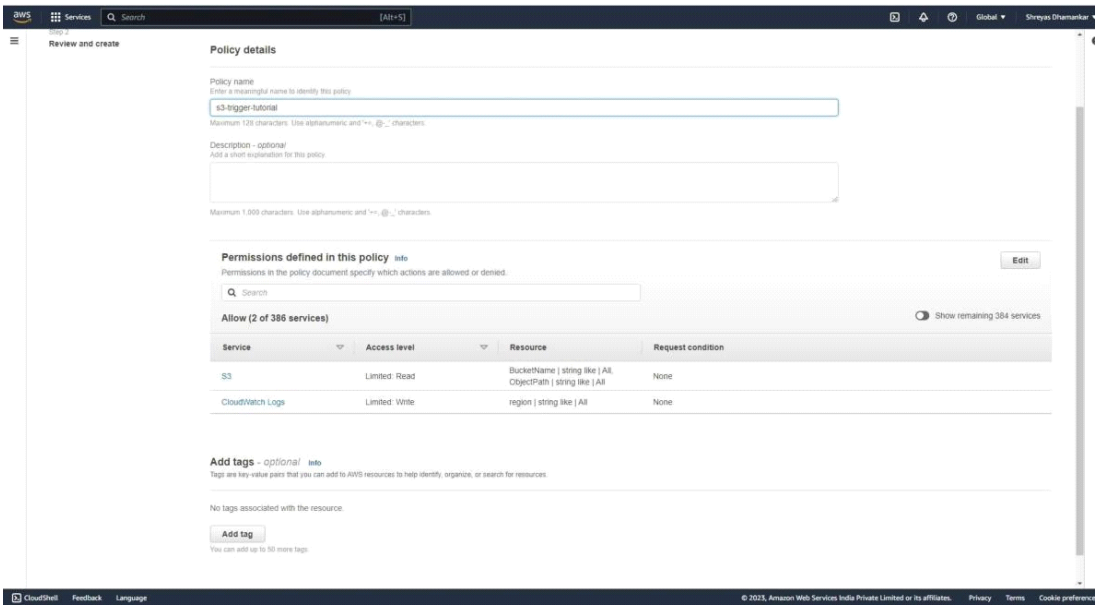
```
{
   "Version": "2012-10-17",
   "Statement": [

      {
```

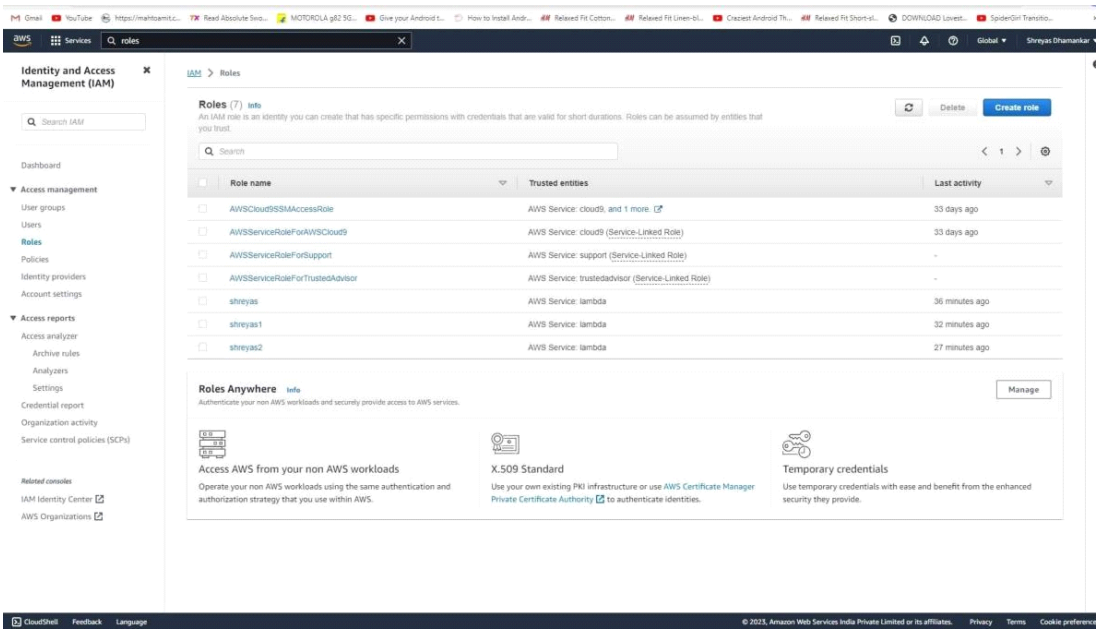
```
            "Effect":
            "Allow",
            "Action": [
                "logs:PutLog
                        Even
                        ts",
                "logs:CreateLo
                gGroup",
                "logs:CreateLog
                Stream"
            ],
            "Resource": "arn:aws:logs:*:*:*"
        },
        {
            "Effect":
            "Allow",
            "Action": [
                "s3:GetObject"
            ],
            "Resource": "arn:aws:s3:::*/*"
        }
    ]
}
```



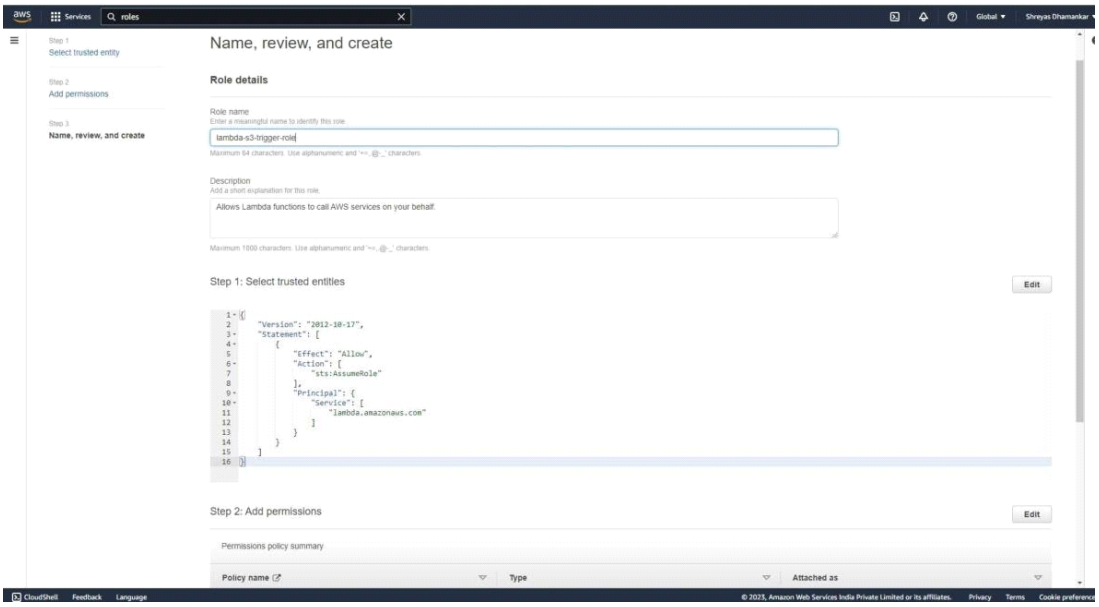
create policy and name it:



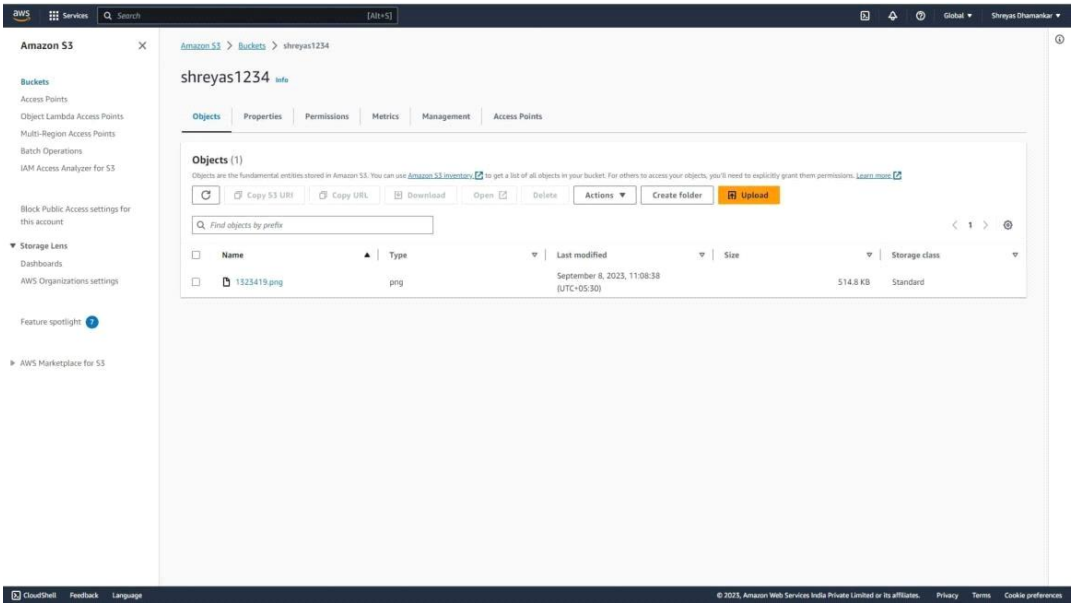
go to roles page and select create a new role



under policies for role select the policy that you have created and click next. Then name therole as follows:

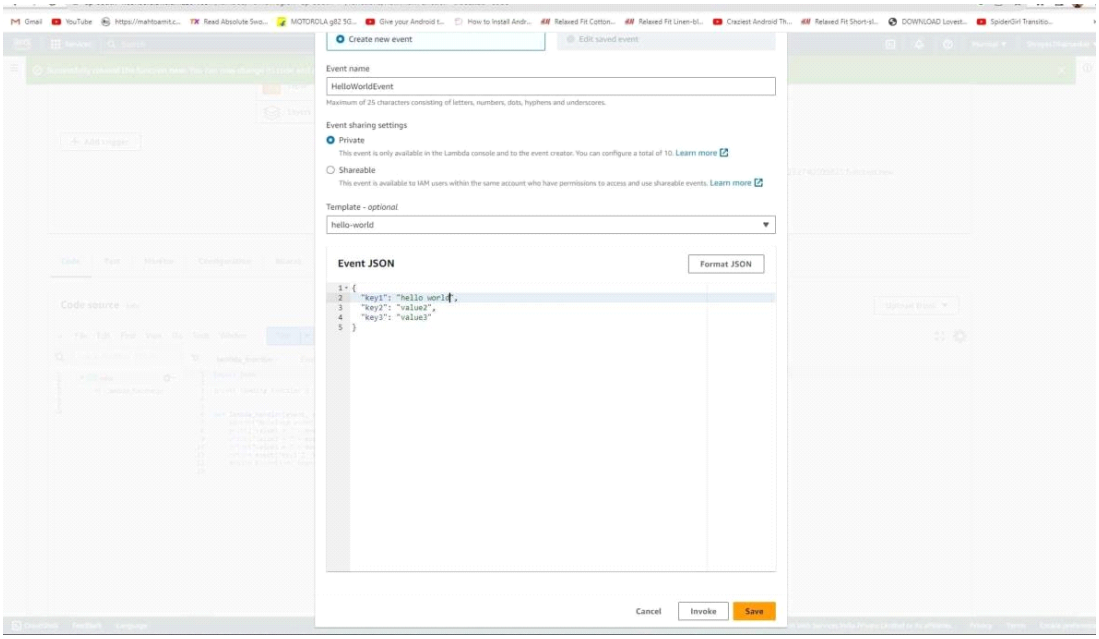


Upload an image file in the S3 bucket.



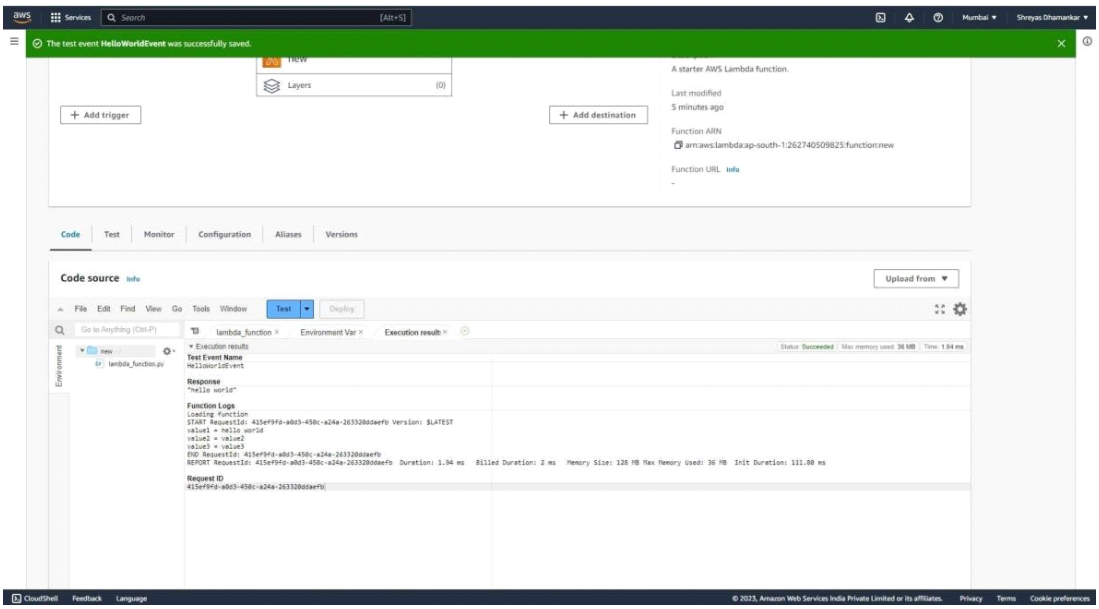
Go to lamda dashboard in aws and create a new function named s3-trigger tutorial. selectuse exisiting blueprint and choose 'hello world python 3.7 blueprint'.

CLick on create function. Once function is created go to test and create new Test event.



Change Key 1 to Hello World.

CLick on test and obtain the results in Execution tab.



Conclusion:

In this assignment we learnt how to use Lambda function to run abasic HelloWorld program in Python.