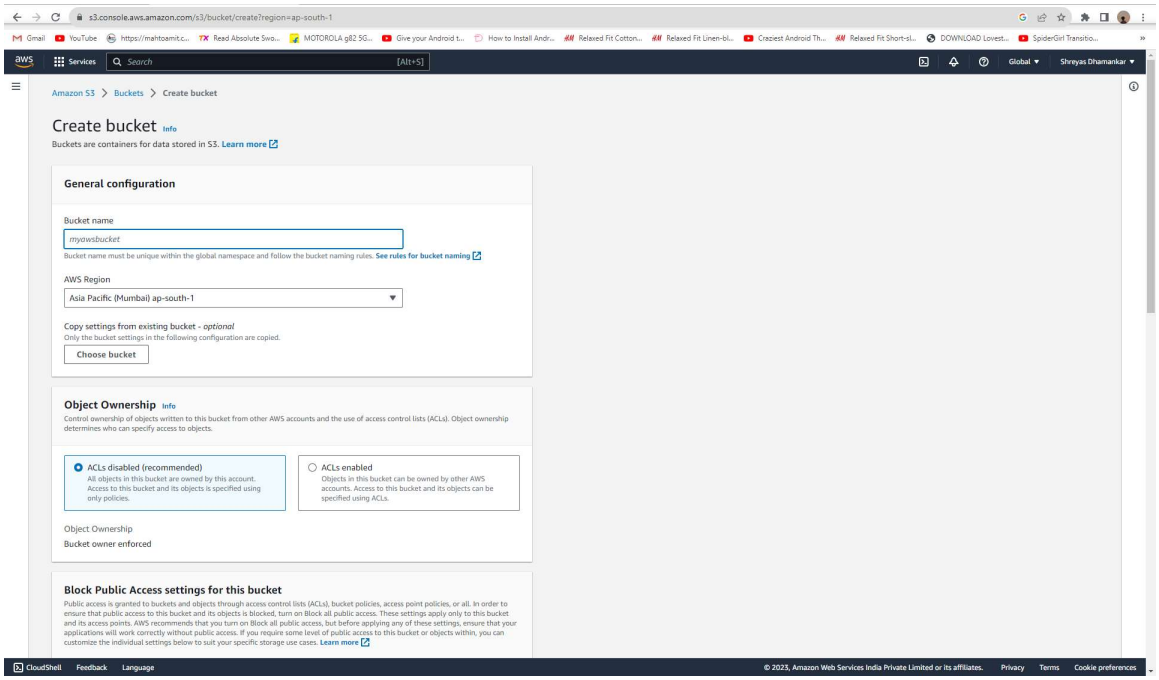
ASSIGNMENT 6

AIM : To learn how to use Lamda in order to find the ContentType of Object uploaded in S3 Bucket.

THEORY :

Create bucket:

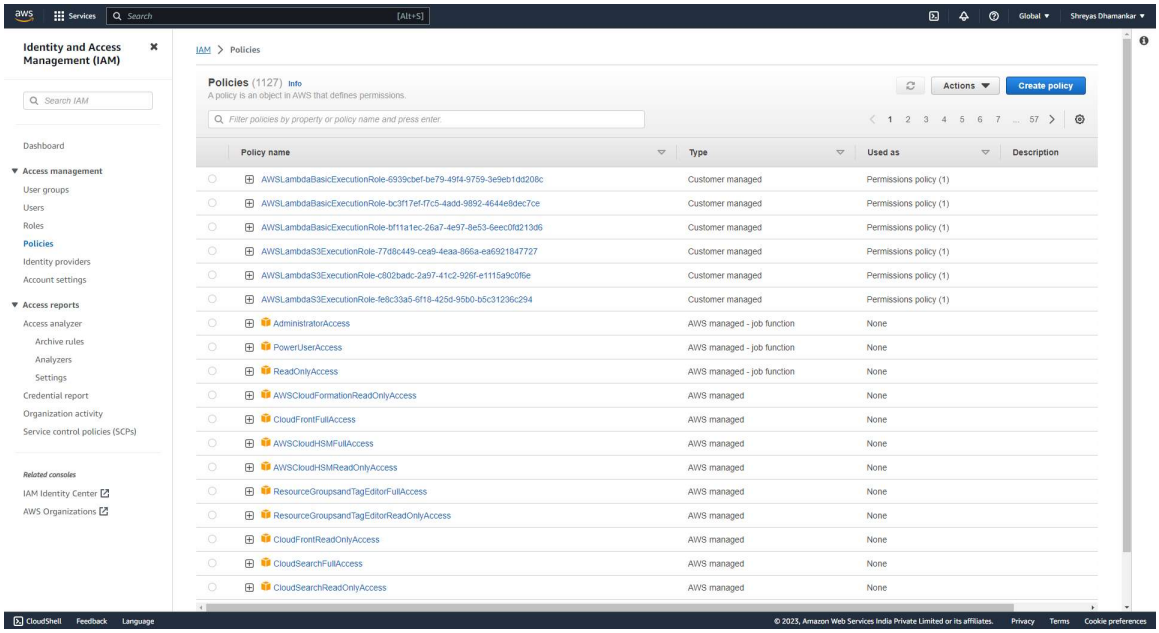


create a new policy from iam dashboard;

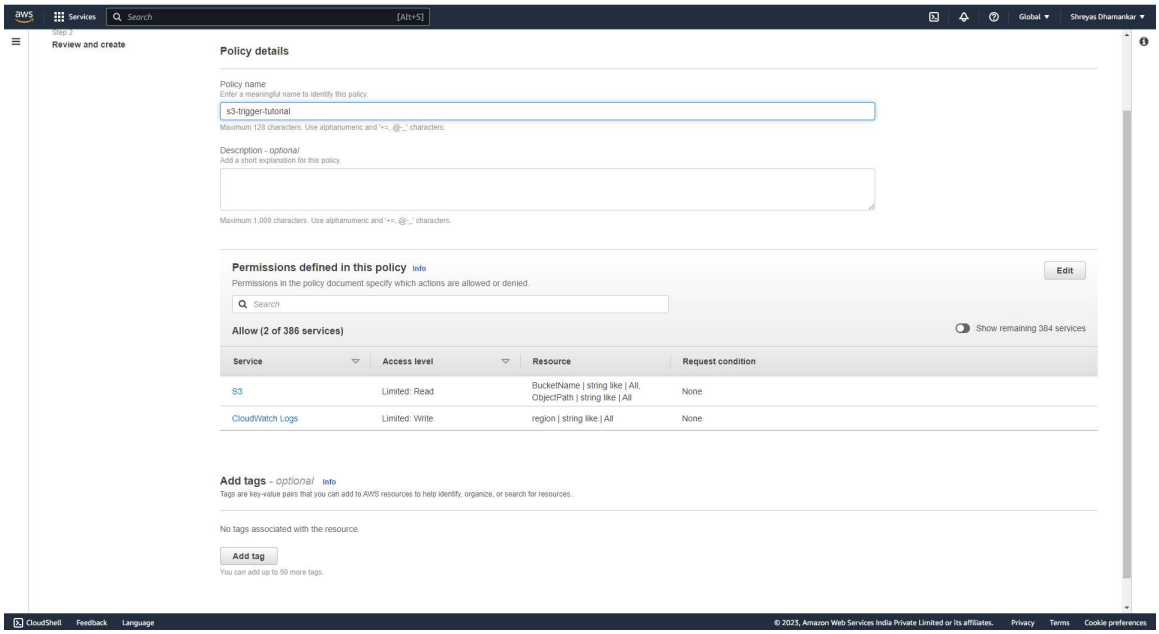
while creating policy select json tab and paste the following code:

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

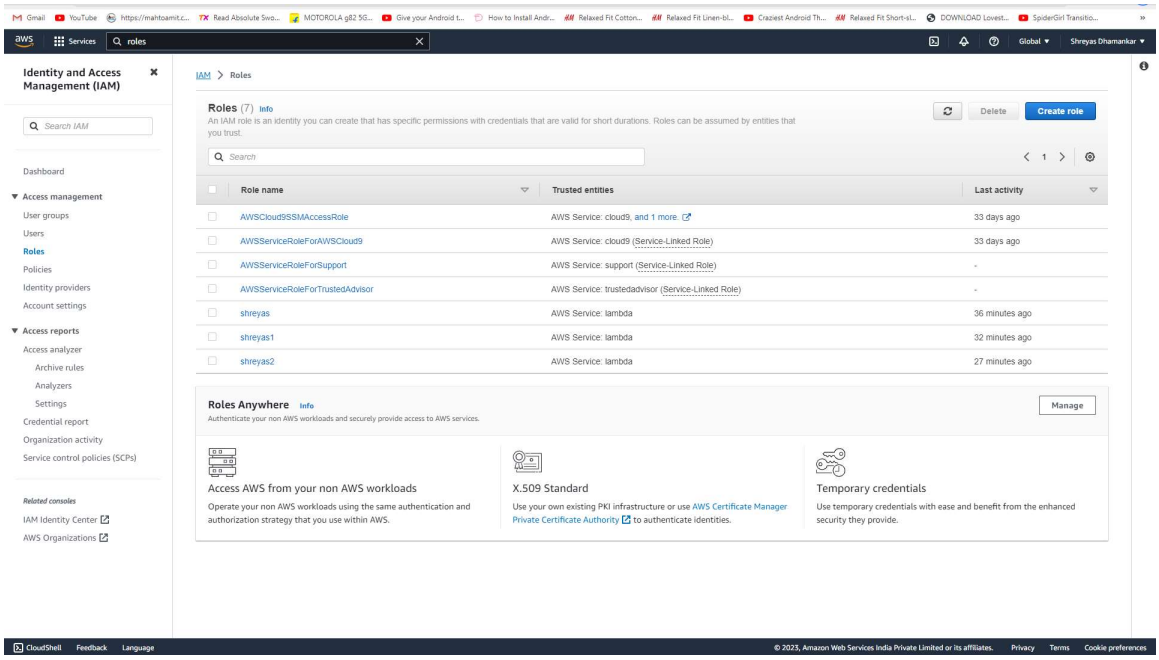
```
            "logs:PutLogEvents",
            "logs:CreateLogGroup",
            "logs:CreateLogStream"
        ],
        "Resource": "arn:aws:logs:*:*:*"
    },
    {
        "Effect": "Allow",
        "Action": [
            "s3:GetObject"
        ],
        "Resource": "arn:aws:s3:::*/*"
    }
  ]
}
```



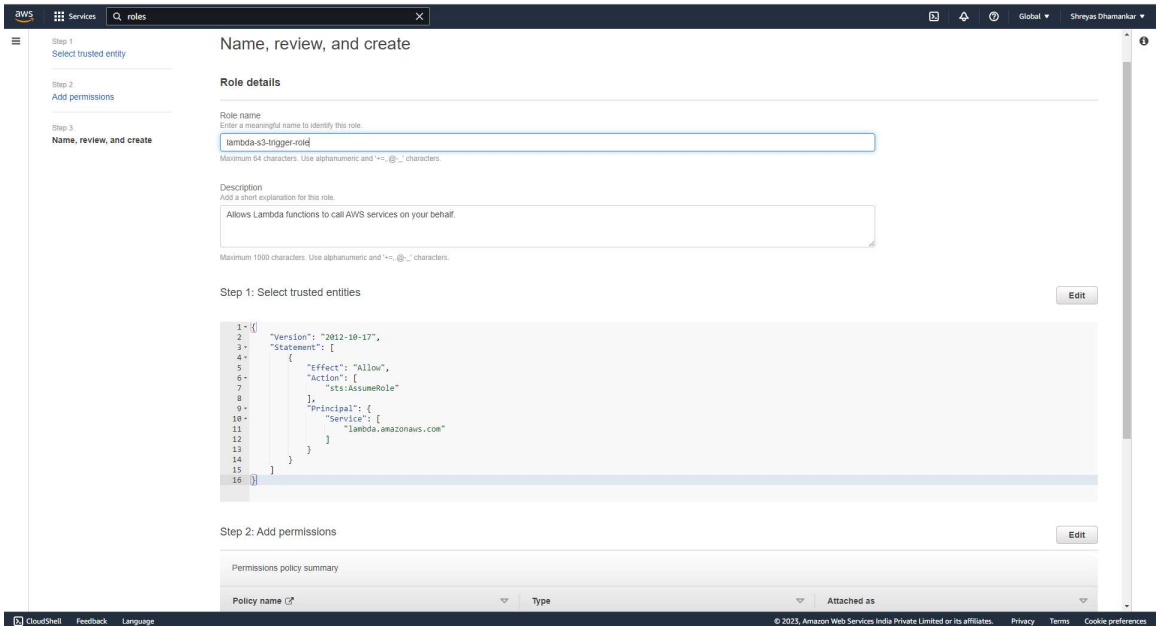
create policy and name it:



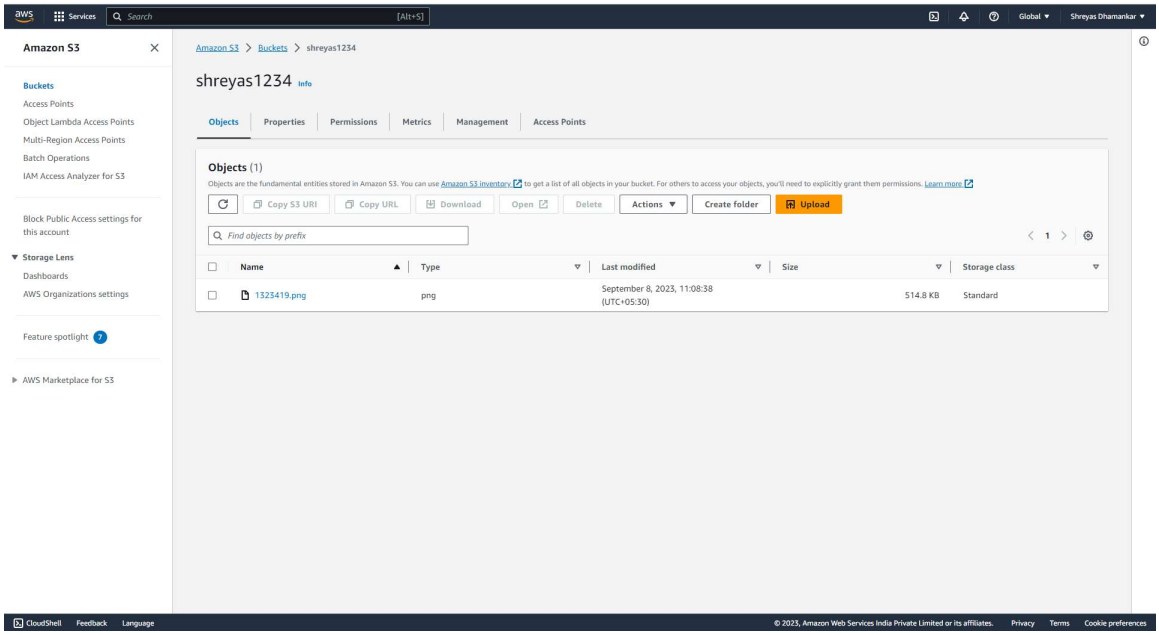
go to roles page and select create a new role



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

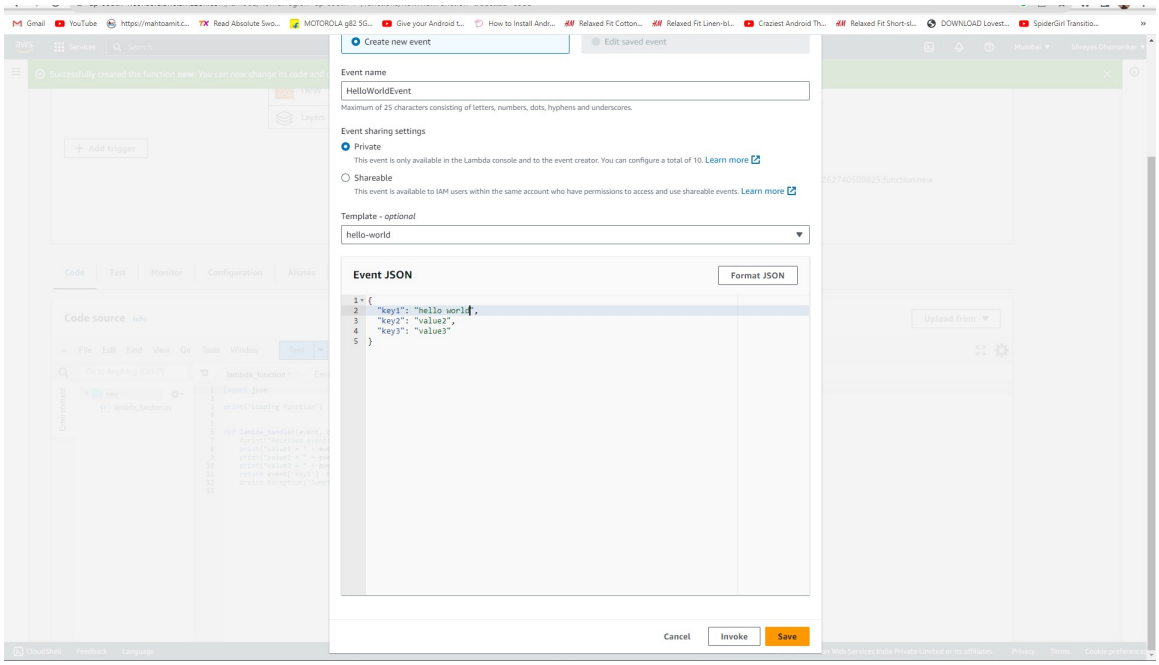


Upload an image file in the S3 bucket.



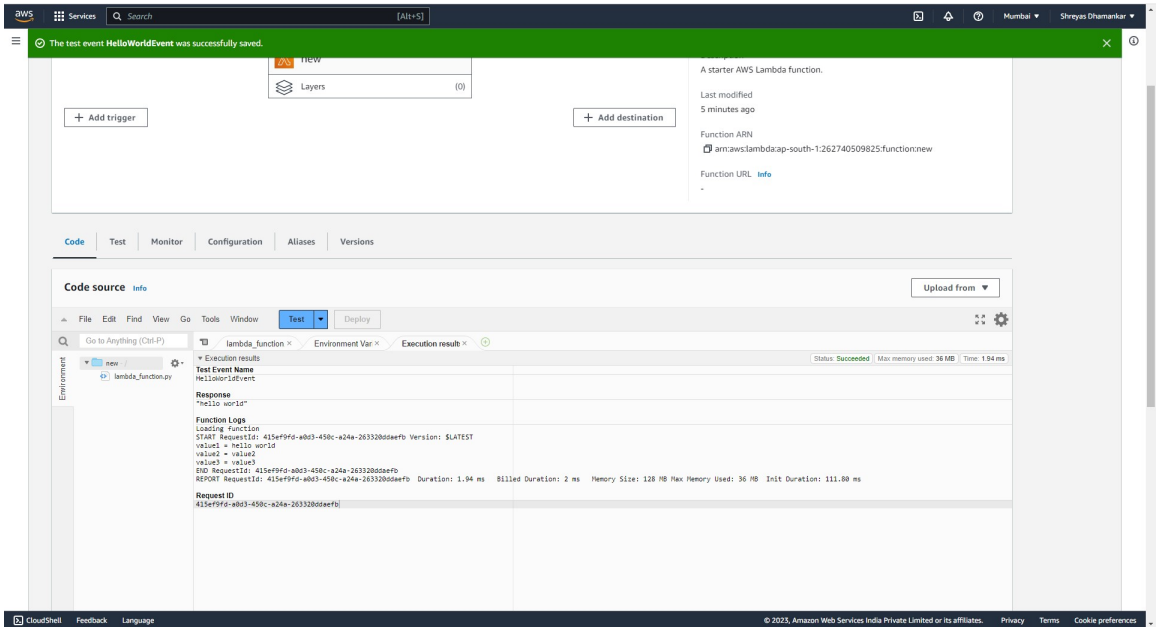
Go to lamda dashboard in aws and create a new function named s3-trigger tutorial. select use exisiting blueprint and choose 'hello world python 3.7 blueprint'.

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 a basic Hello World program in Python.