LAMBDA

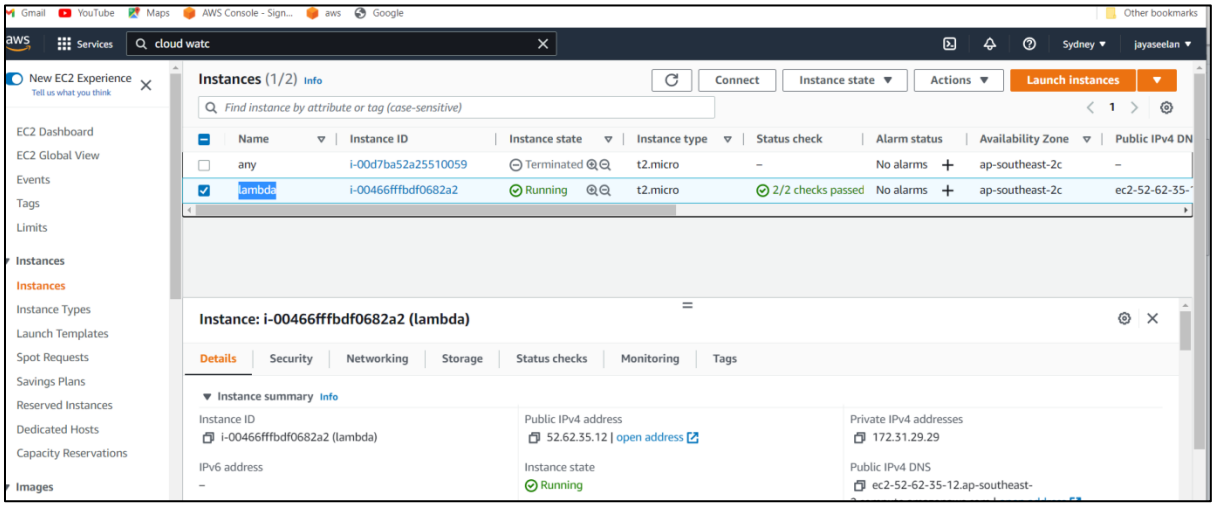
- AWS Lambda is a compute service that lets you run code without provisioning or managing servers.

- Lambda runs your code on a high-availability compute infrastructure and performs all of the administration of the compute resources, including server and operating system maintenance, capacity provisioning and automatic scaling, and logging. With Lambda, you can run code for virtually any type of application or backend service.

- Lambda is a serverless architecture.

Steps to create lambda

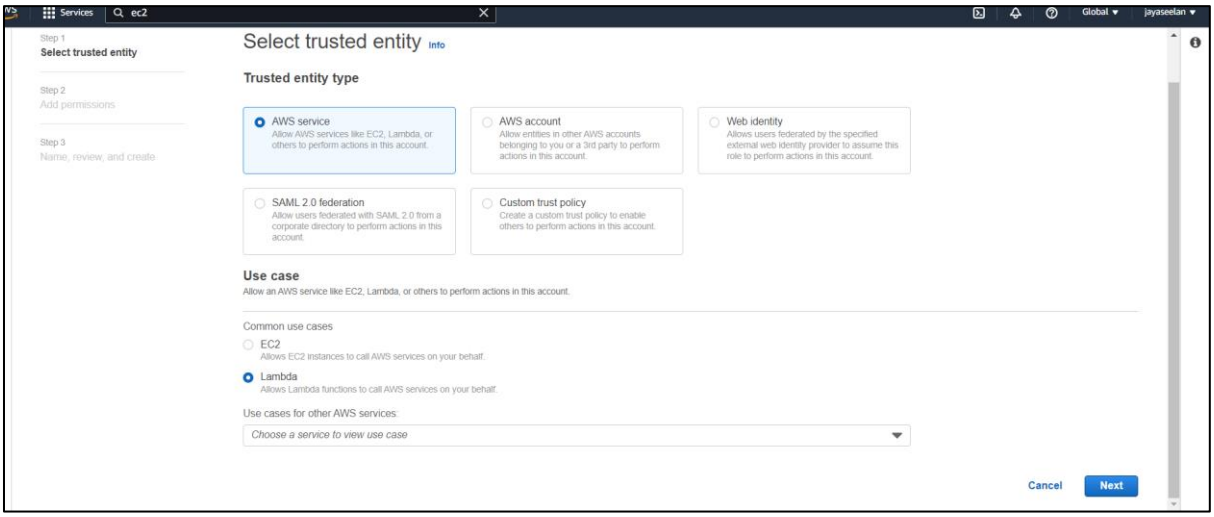
Step1:create any instance



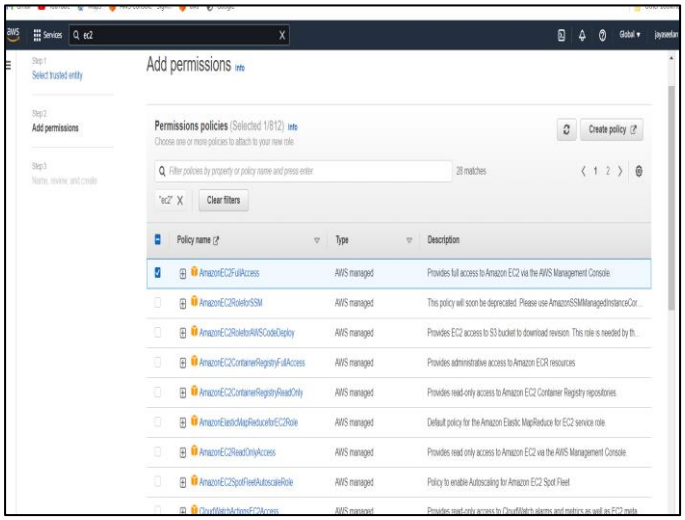
Server created..

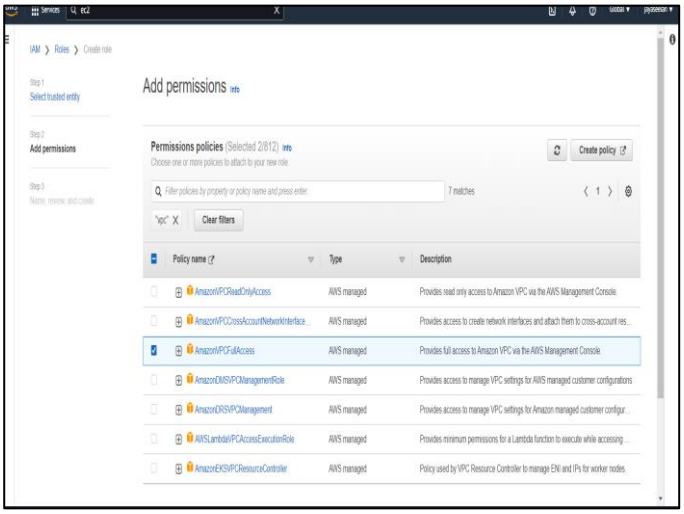
Step2:create role

Iam ----->create role---->aws service---->select lambda--->next

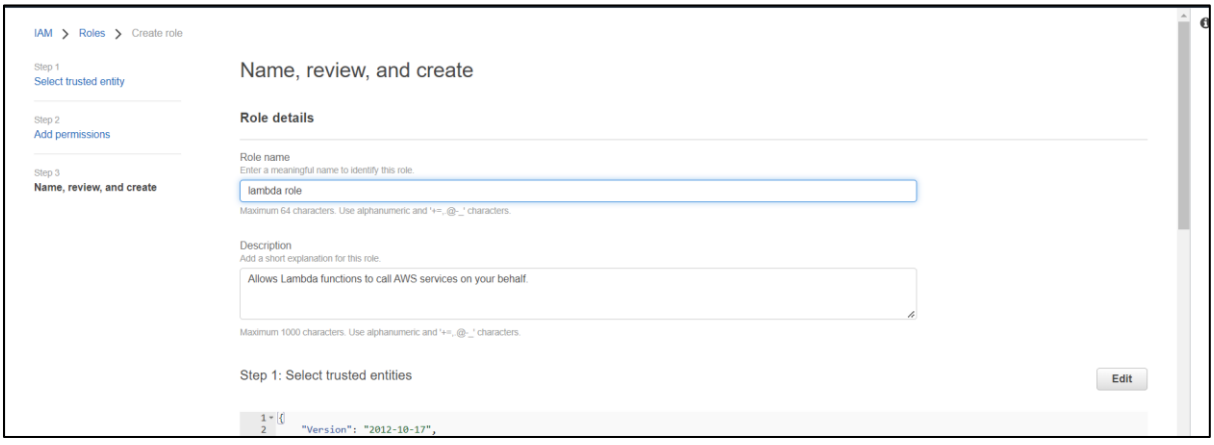


Add permission--->Ec2(full acces)--->vpc(full acces)---->next

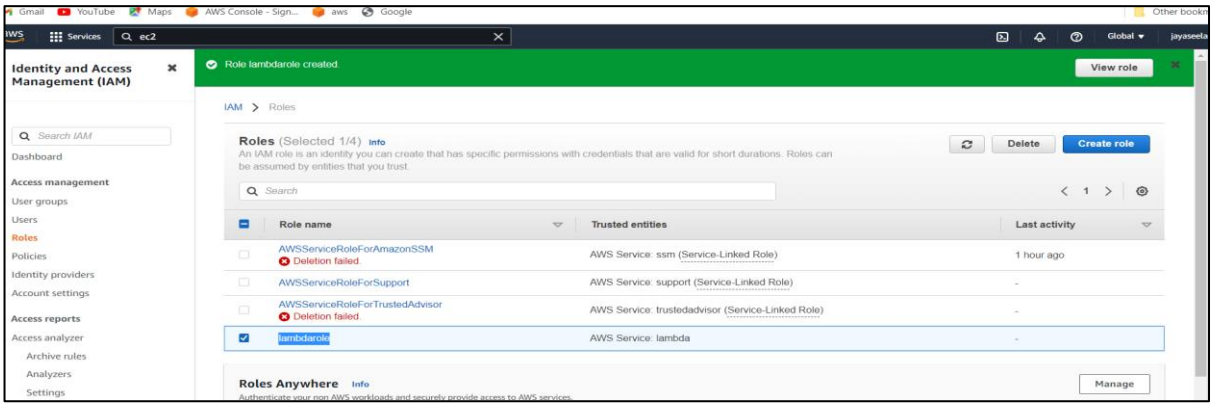




Name (any)--->create role

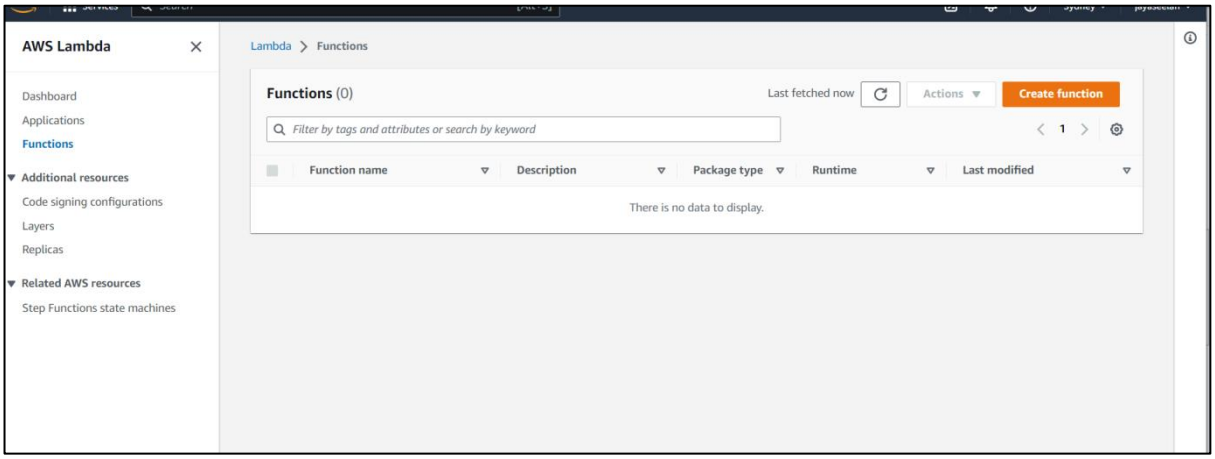


Role created..

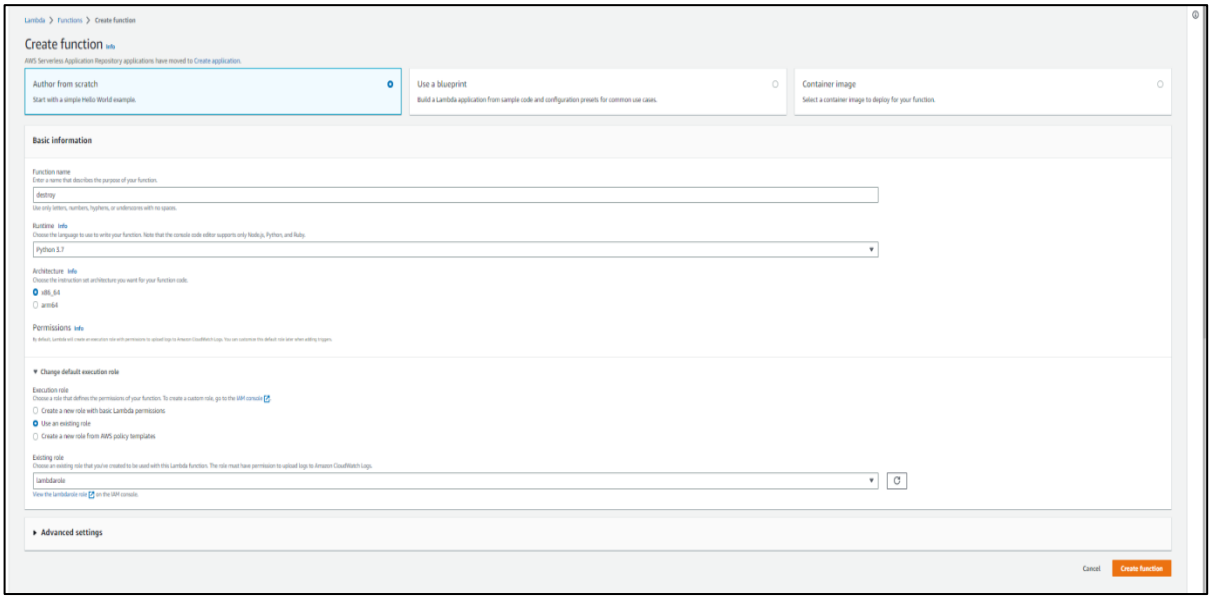


Step3:create lambda function

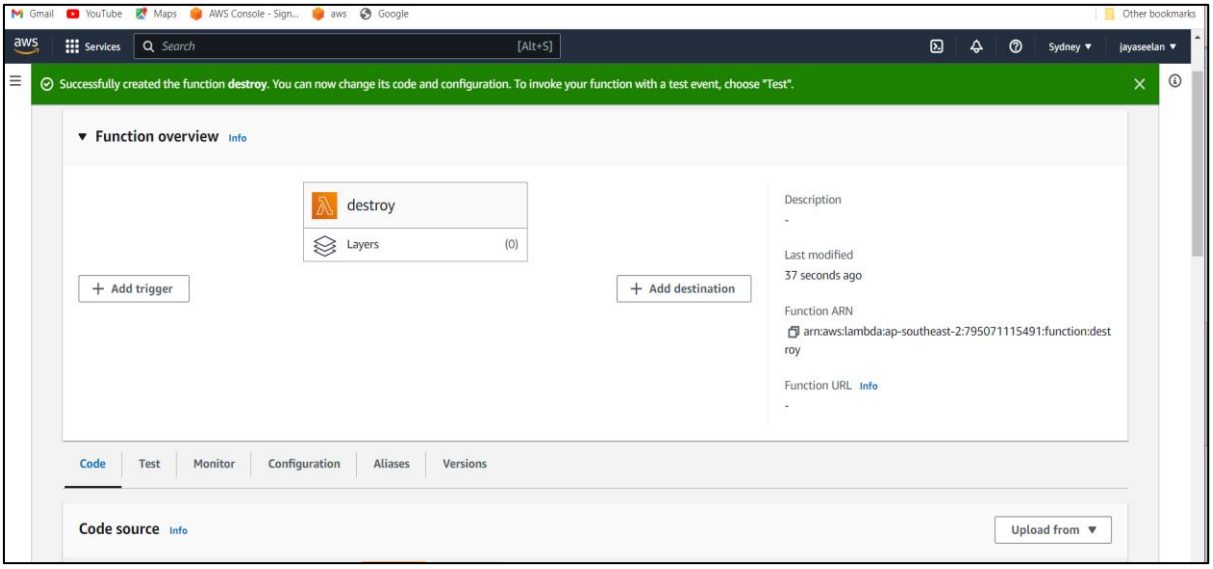
Lambda--->functions--->create function



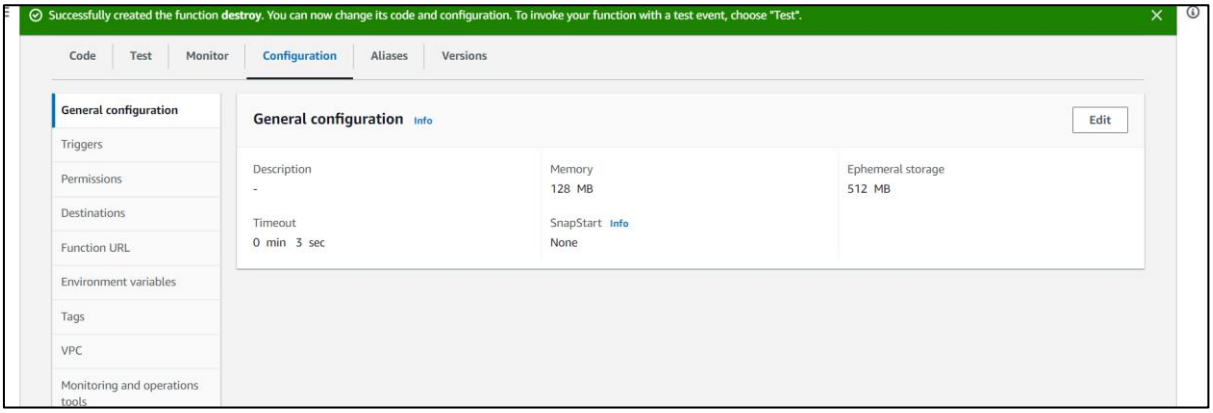
Author from scratch--->function name(destroy)-->runtime(python 3.7)---->use an exiting role(select role)--->create functions



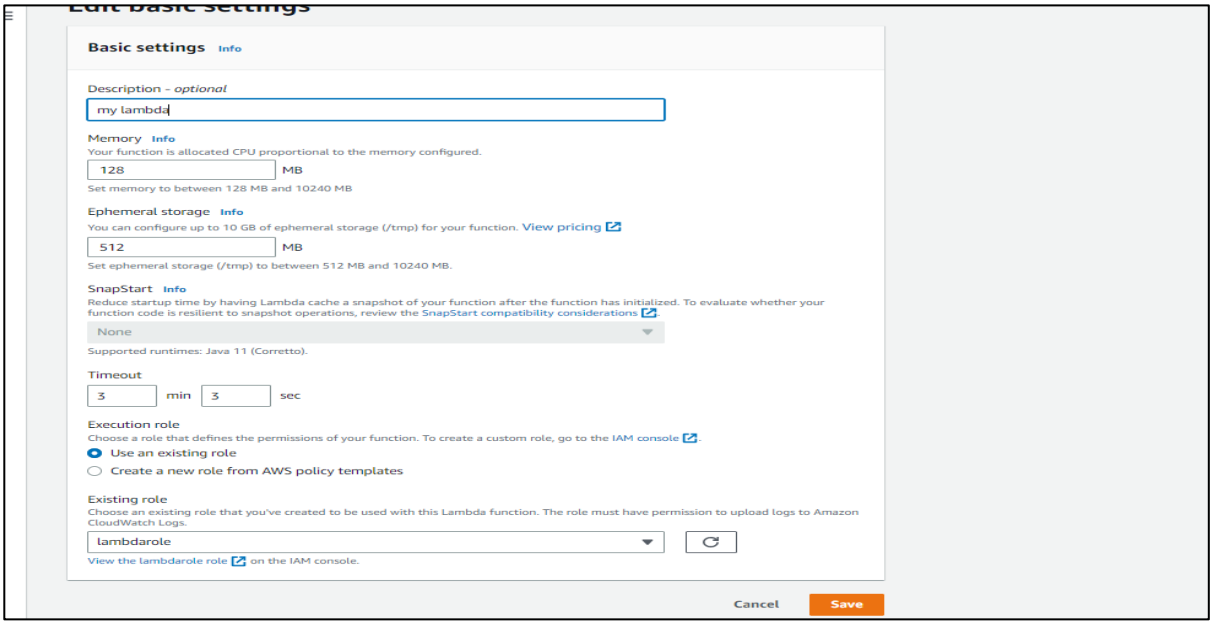
function will created..



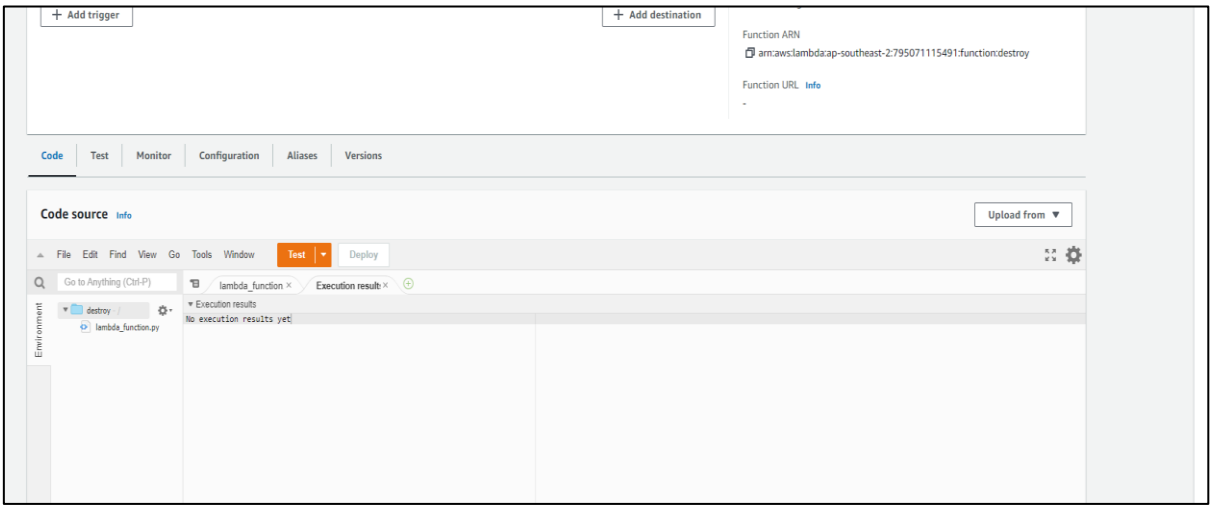
Step3.1:configuration--->edit--->

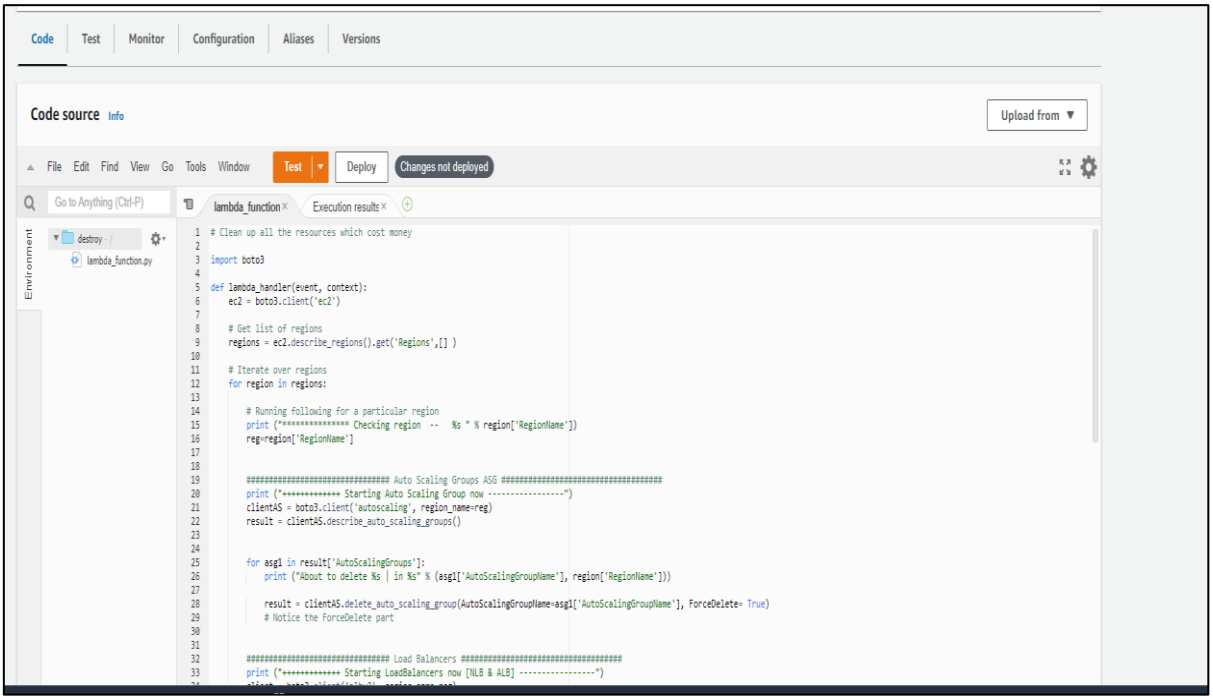


Step3.2:description(any)-->timeout(3 min 3 sec)--->role already shown--->save



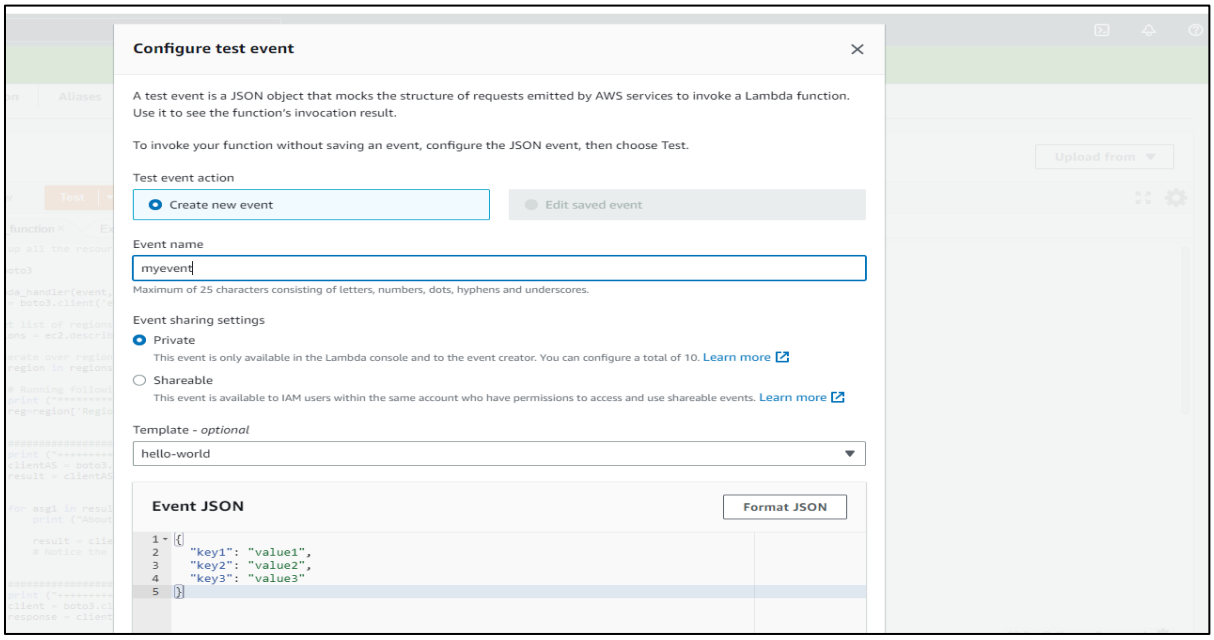
Step3.3:code--->python scripts put--->deploy

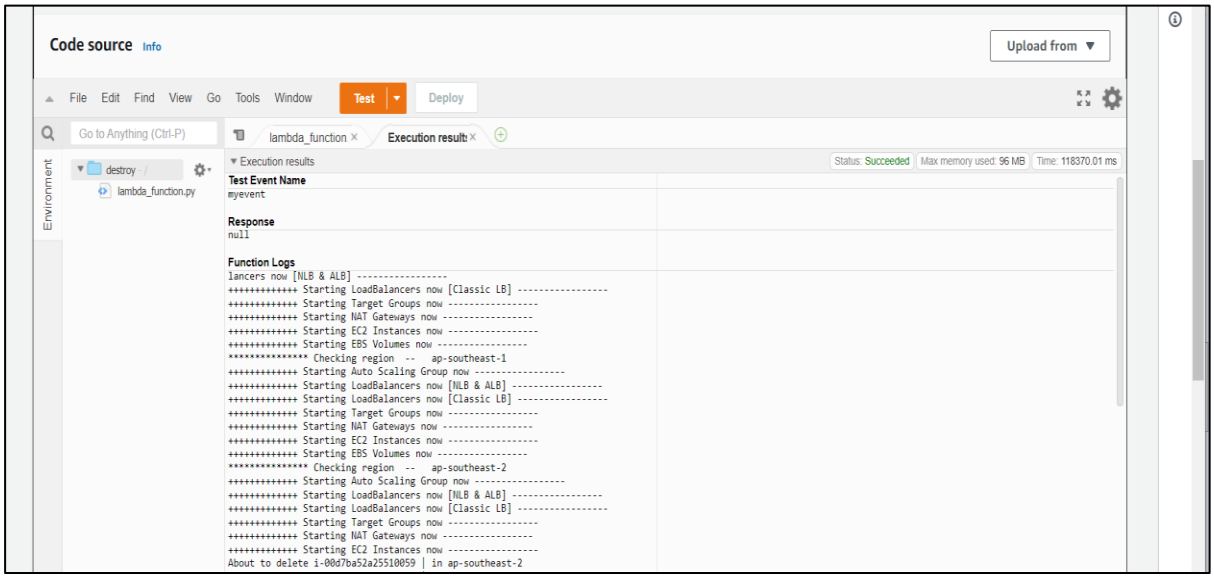




Deployed..

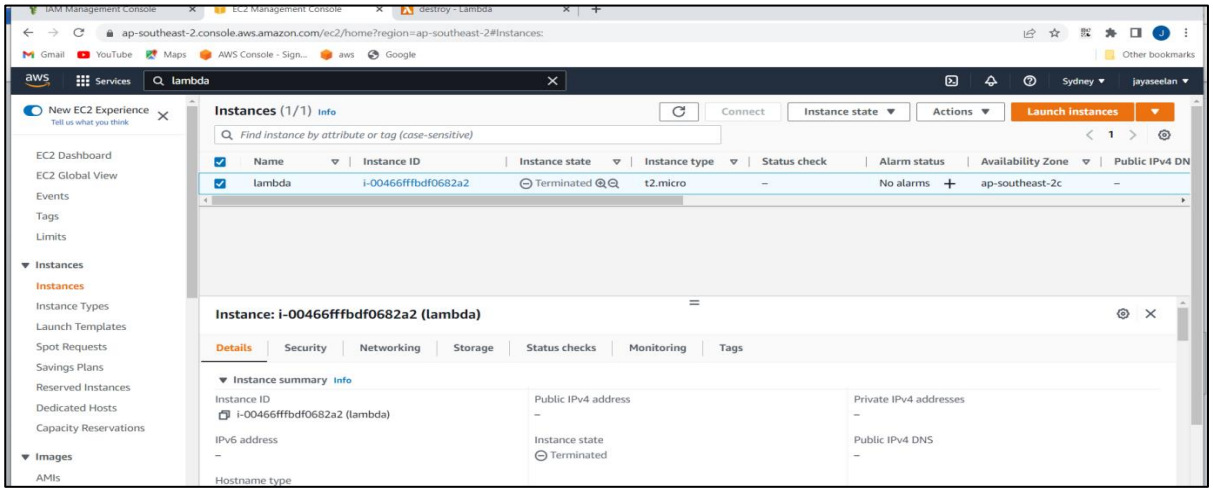
Step3.4:test--->event name(any)--->save--->test(loading...)





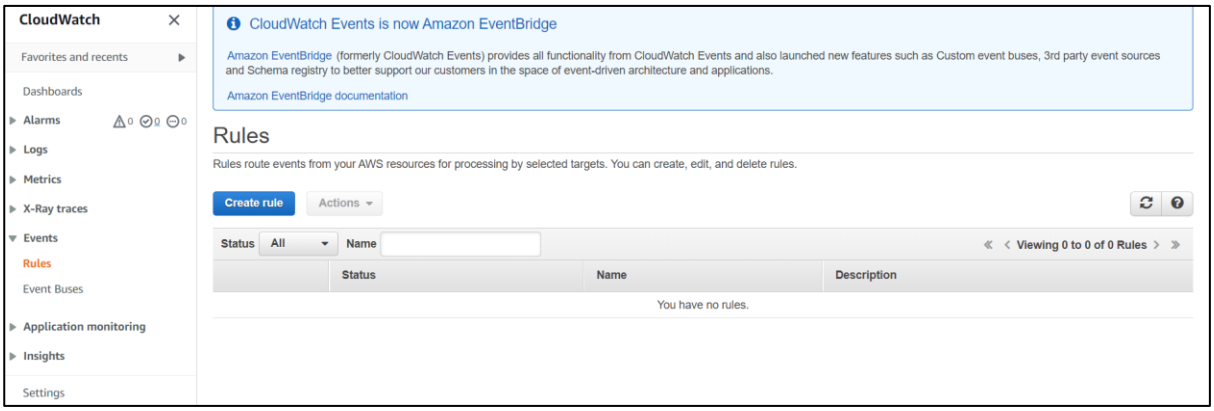
Test completed--->(susceded)

Now check instance --->it will automatically terminated..

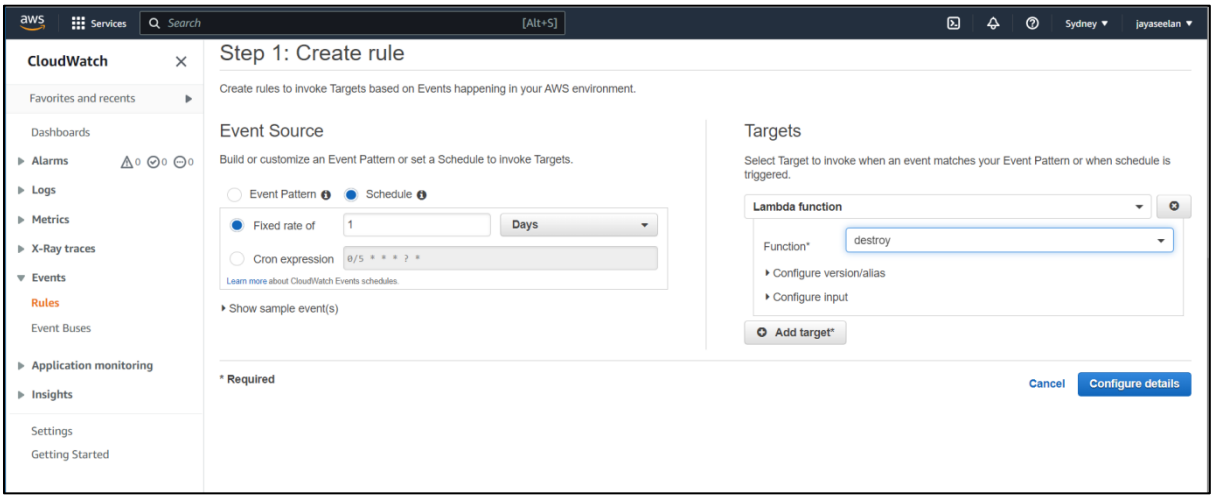


Step4:create cloudwatch set automatically run this program in 1 days for automatically terminated

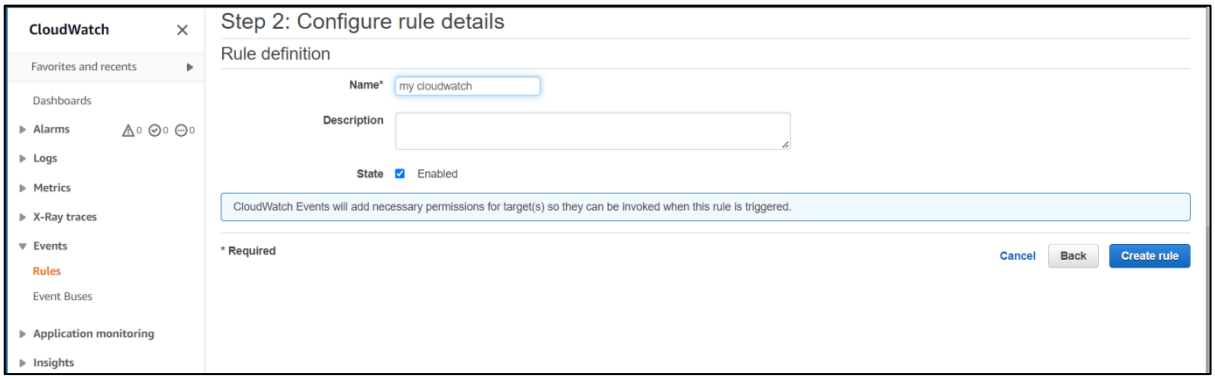
Cloud watch--->event--->rules--->create rule



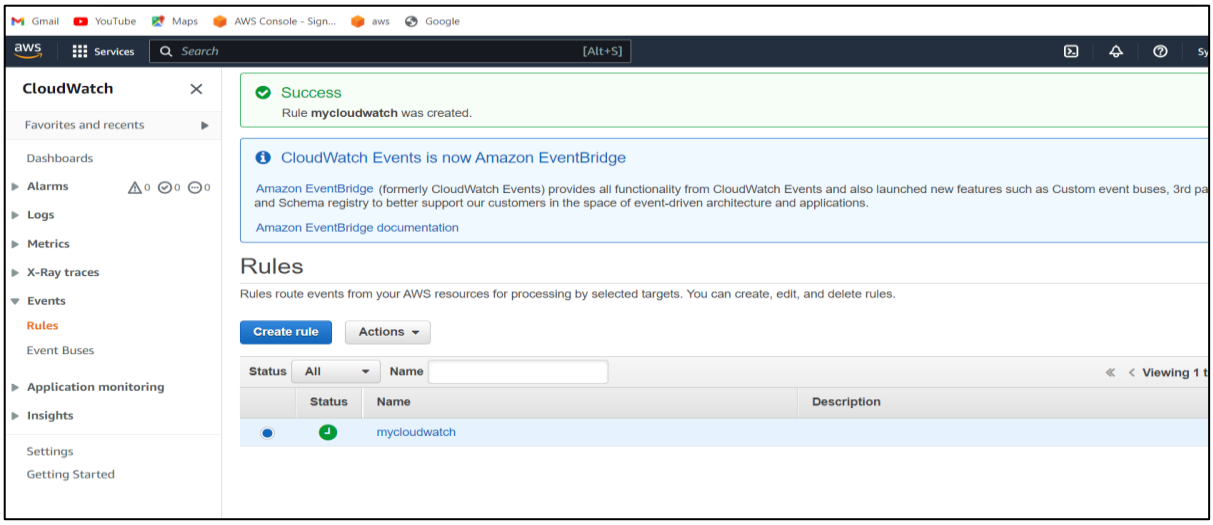
Event source---->schedule(1 days)----->targets--->lambda function(select your lambda function)--->configuration details



CONFIGURATION RULE DETAILS--->NAME(ANY)---→STATE(ENABLED)--->CREATE RULE



Cloud Watch Rule Creat And Set



Step4: Lambda --->Code--->Test(Loading...)--->status(Susceded)--->show memory use and time--->Execute The Program Content(Server Terminated)