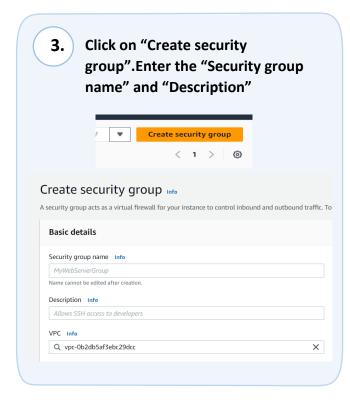
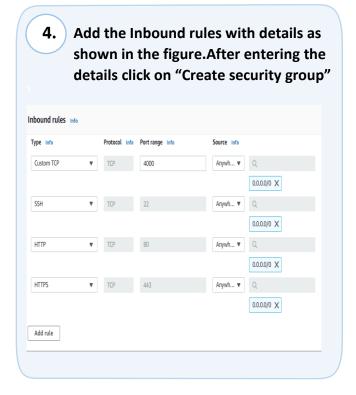
Assignment No. 9

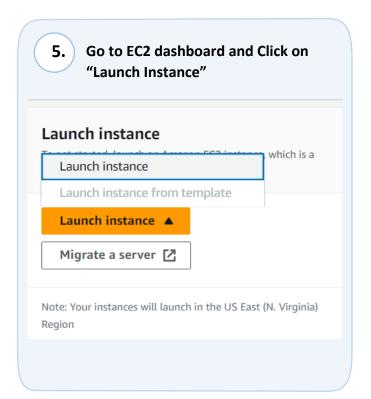
DEPLOY A PROJECT FROM GITHUB TO EC2 BY CREATING NEW SECURITY GROUP AND USER DATA

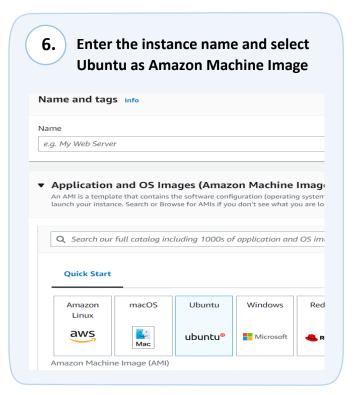
Visit aws.amazon.com and Sign in.Go to EC2 Service and click on "Security Groups" Services Q Search New EC2 Experience Resources EC2 Global view 🖸 🖰 🔞 FC2 Dashboard You are using the following Amazon EC2 resources in the US East (N. Virginia) Region: 0 Auto Scaling Groups 0 Dedicated Hosts Instances (running) 0 Instances 0 Key pairs Elastic IPs Limits Load balancers O Placement groups 0 Security groups ▼ Instances 0 Volumes Snapshots Instance Types (i) Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the Launch Templates AWS Launch Wizard for SOL Server, Learn mor Snot Requests

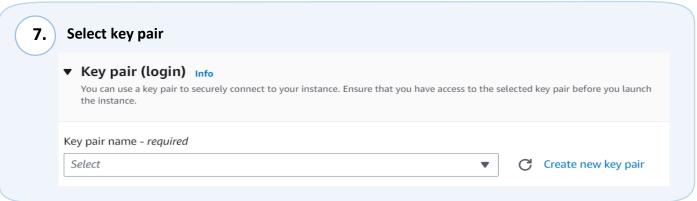




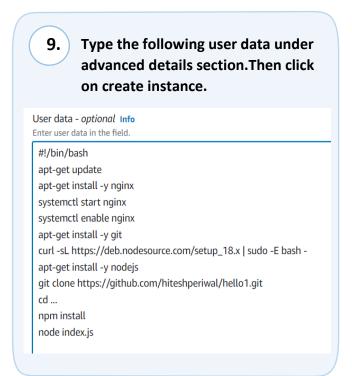


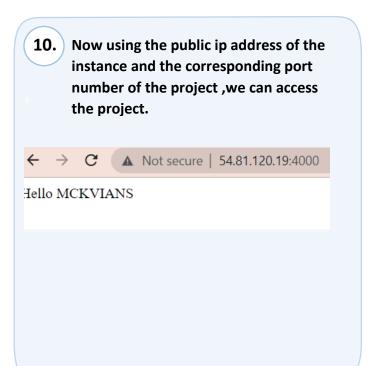






8. Under network settings, click on "Select existing security group" and in the security group dropdown select the security group which you just created Firewall (security groups) Info A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance. Create security group Select existing security group Security groups Info Select security groups Compare security group rules sg-0a8f06d823f059146 secure VPC: vpc-0b2db5af3ebc29dcc sg-06a05f26a8361fd2d default VPC: vpc-0b2db5af3ebc29dcc





However for certain machines the project will not be accessible directly. To access the project, go to instance and click on connect and again click on connect

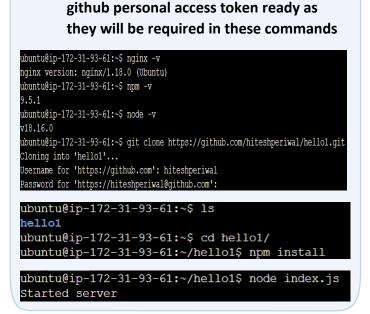
Connect Instance state ▼ Actions ▼

Private IPv4 addresses
172.31.93.61

Public IPv4 DNS
1 ec2-54-81-120-19.compute-1.amazonaws.com | open address
ser name, use the default user name.

Connect

Cancel



Now type the following commands in the

terminal. Keep the repository url and the

Now using the public ip address of the instance and the corresponding port number of the project ,we can access the project. Hence the project is successfully deployed from github to EC2 using new security group and user data

