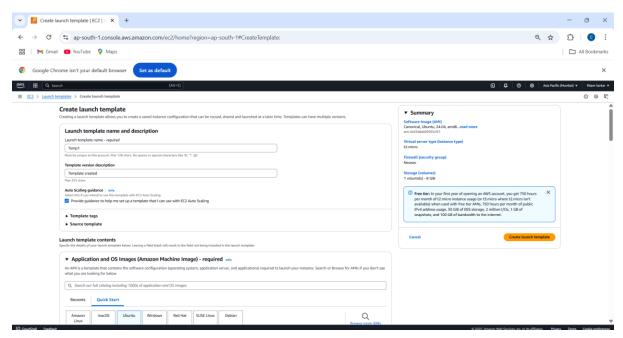
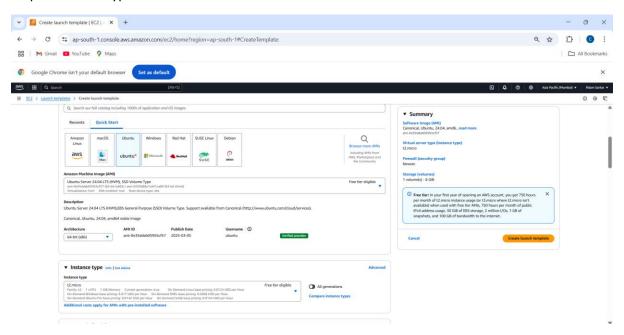
Assignment-11:Build scaling plans in AWS that balance the load on different EC2 instance.

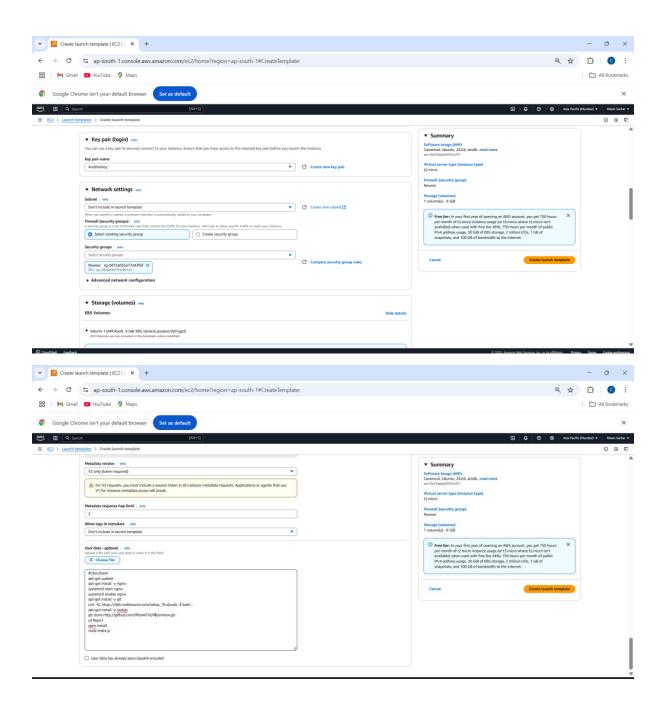
Step-1:Signing in to the AWS Management console,go to lauch template. A template name should be given along with a description and the auto-scaling option is to be checked. Then ubuntu is selected from quickstart.

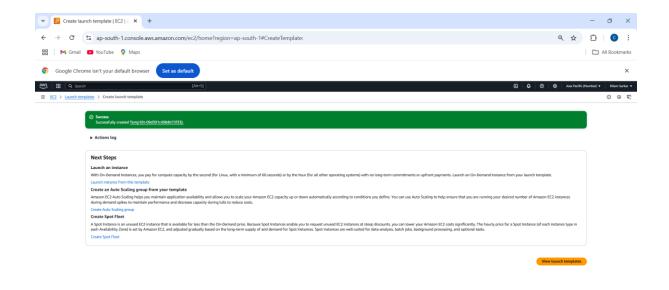


Step-2:Instance type is selected as t2.micro.

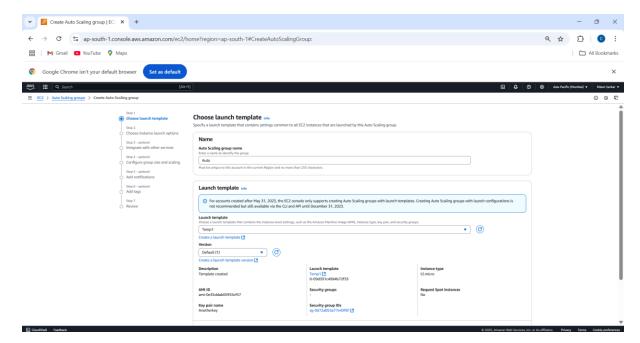


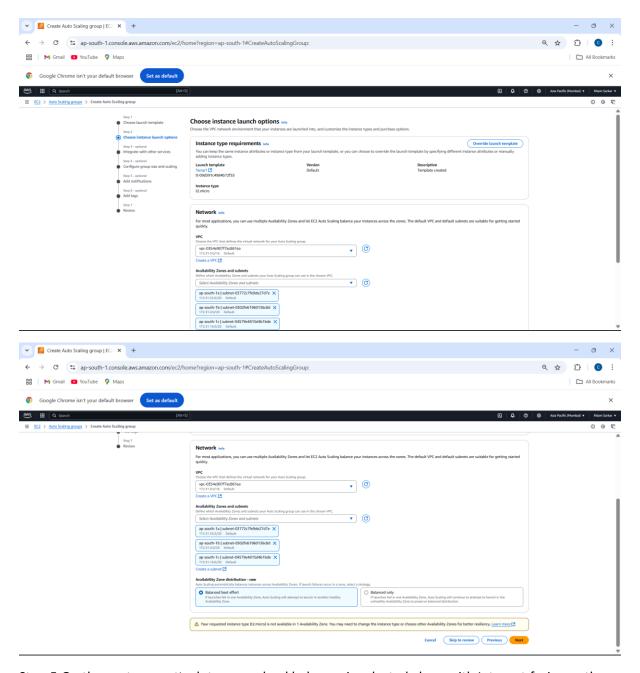
Step-3:A key-pair is selected along with the secuirity group and the user data is given. Create launch template is selected to create a new template.



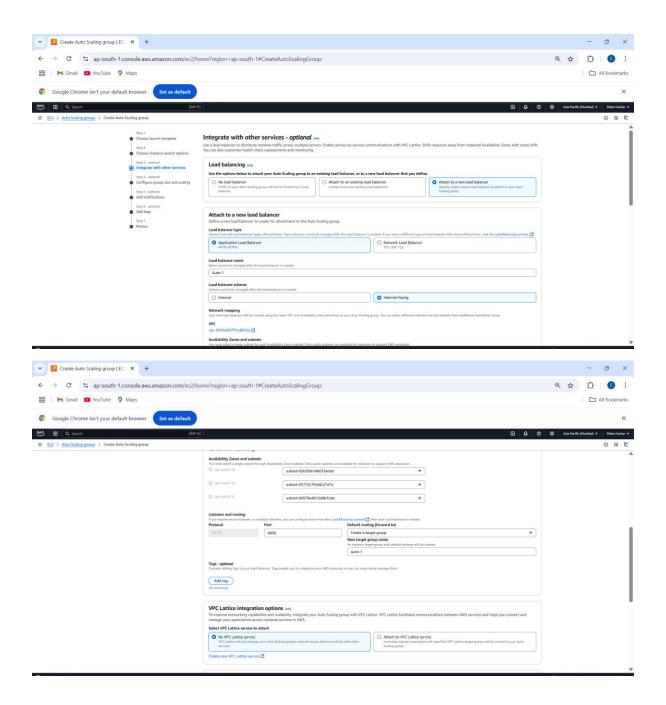


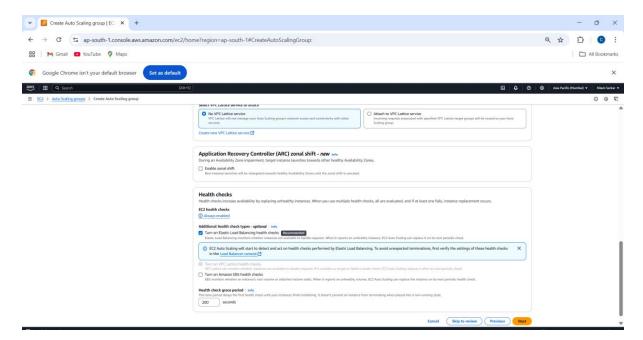
Step-4:Auto-scaling group is reached ,a name is given, template is selected, zones are selected, along with Balanced best effort.



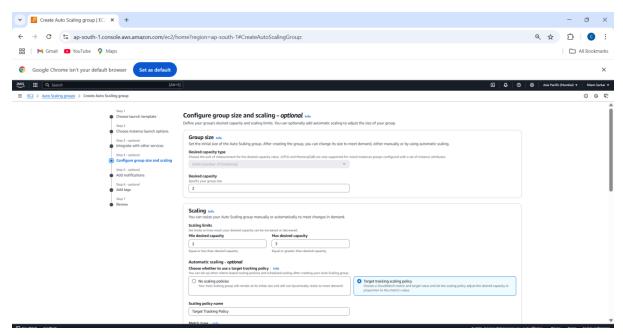


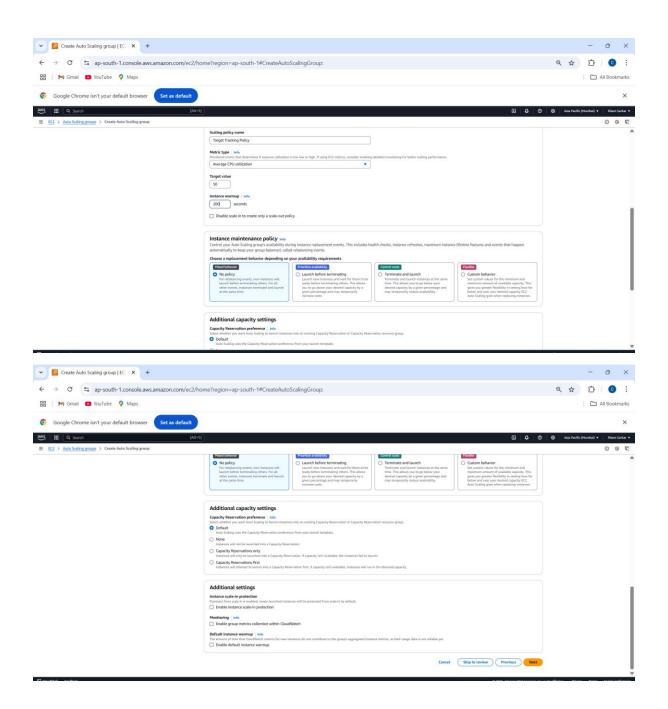
Step-5:On the next page,attach to a new load balancer is selected along with Internet-facing as the load balancer scheme. Additional health check types is enabled.

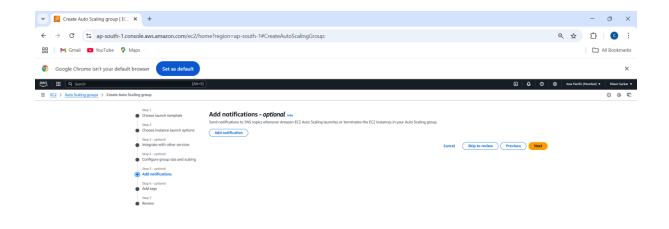


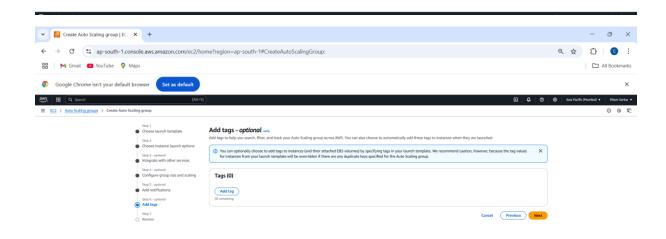


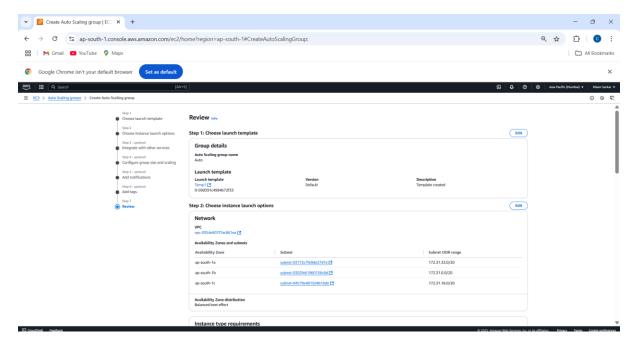
Step-6:In configure group and scaling, desired capacity is selected as 2, along with min value as 2 and max as 3. Target tracking scaling policy is selected. Instance warmup is set for 200 sec.



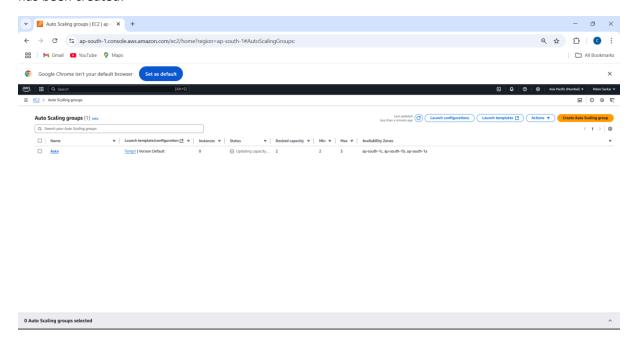


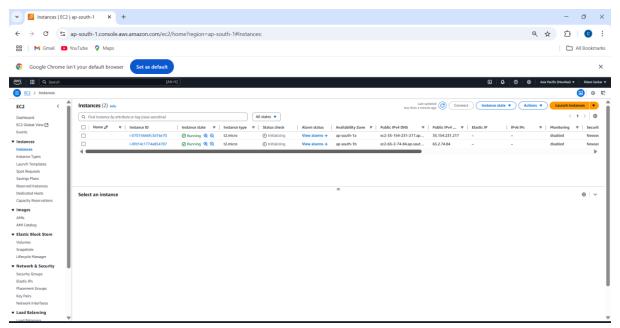




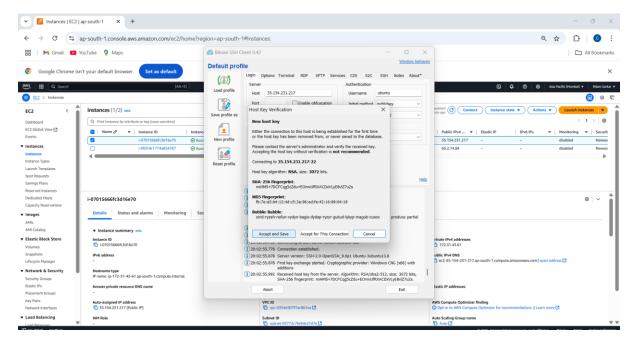


Step-7:Without making further modifications, simply clicking on next , finally the auto scaling group has been created.





Step-8:Bitvise is opened, properly logged in with the key-pair and in the terminal following commands are written.



//Sudo nano ri.sh

Inside the file we have to write

#!/bin/bash

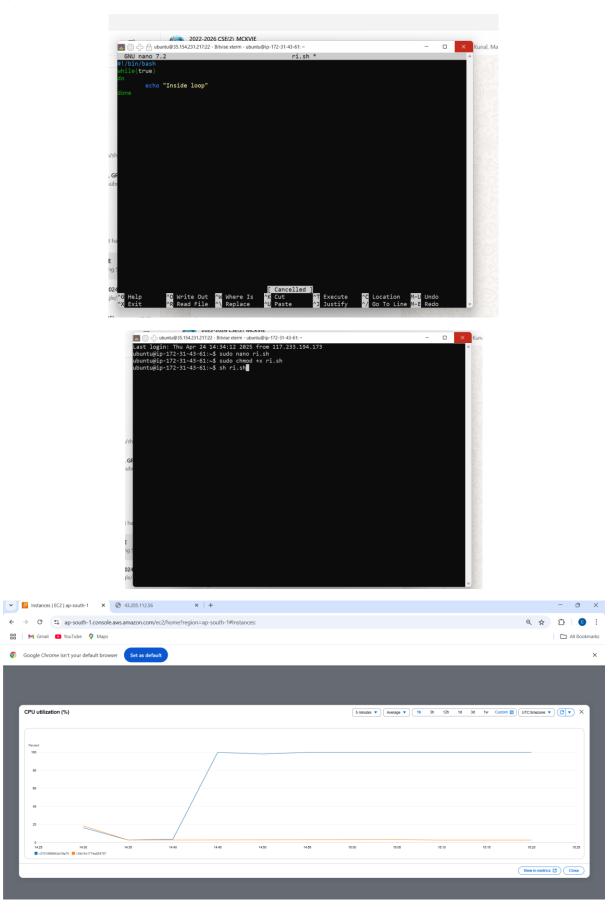
while(true)

do

echo "Inside loop"

done

//sudo chmod +x ri.sh



Step-8:CPU utilization is checked on the monitoring section after the bash file is executed and the third instance is created as a result of it.

