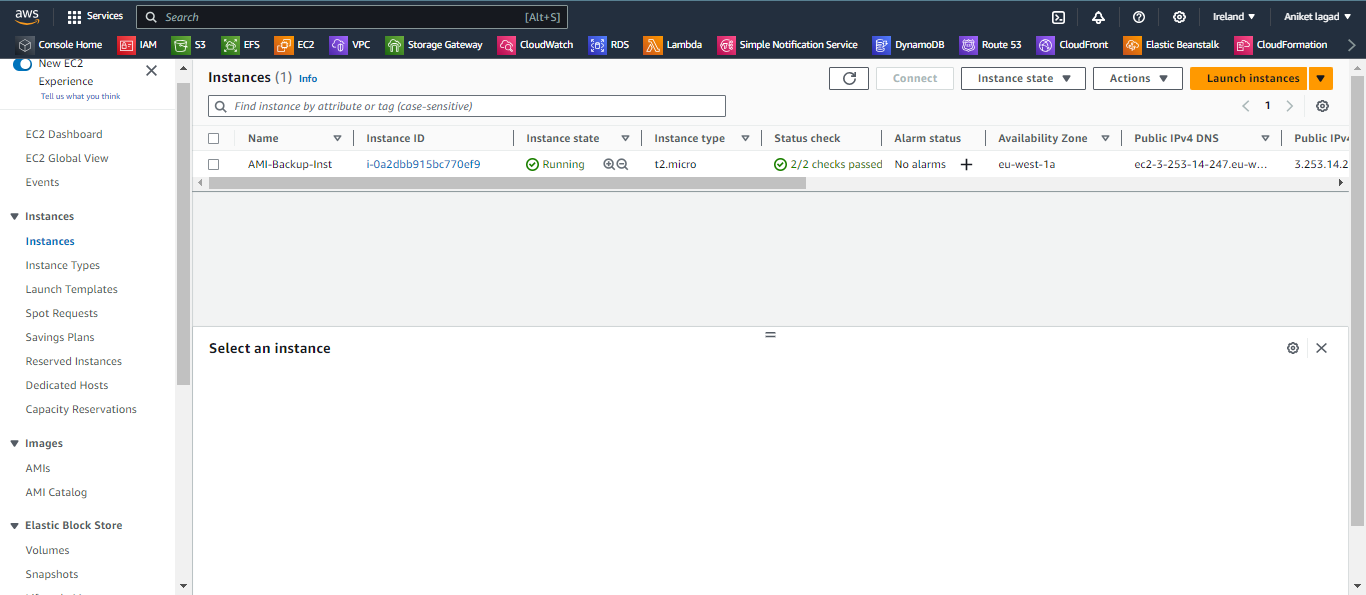
Q.1) Taking backup of AMI instance on daily basics interval of 12 hrs in bash script ?

🡺

Step 1:-

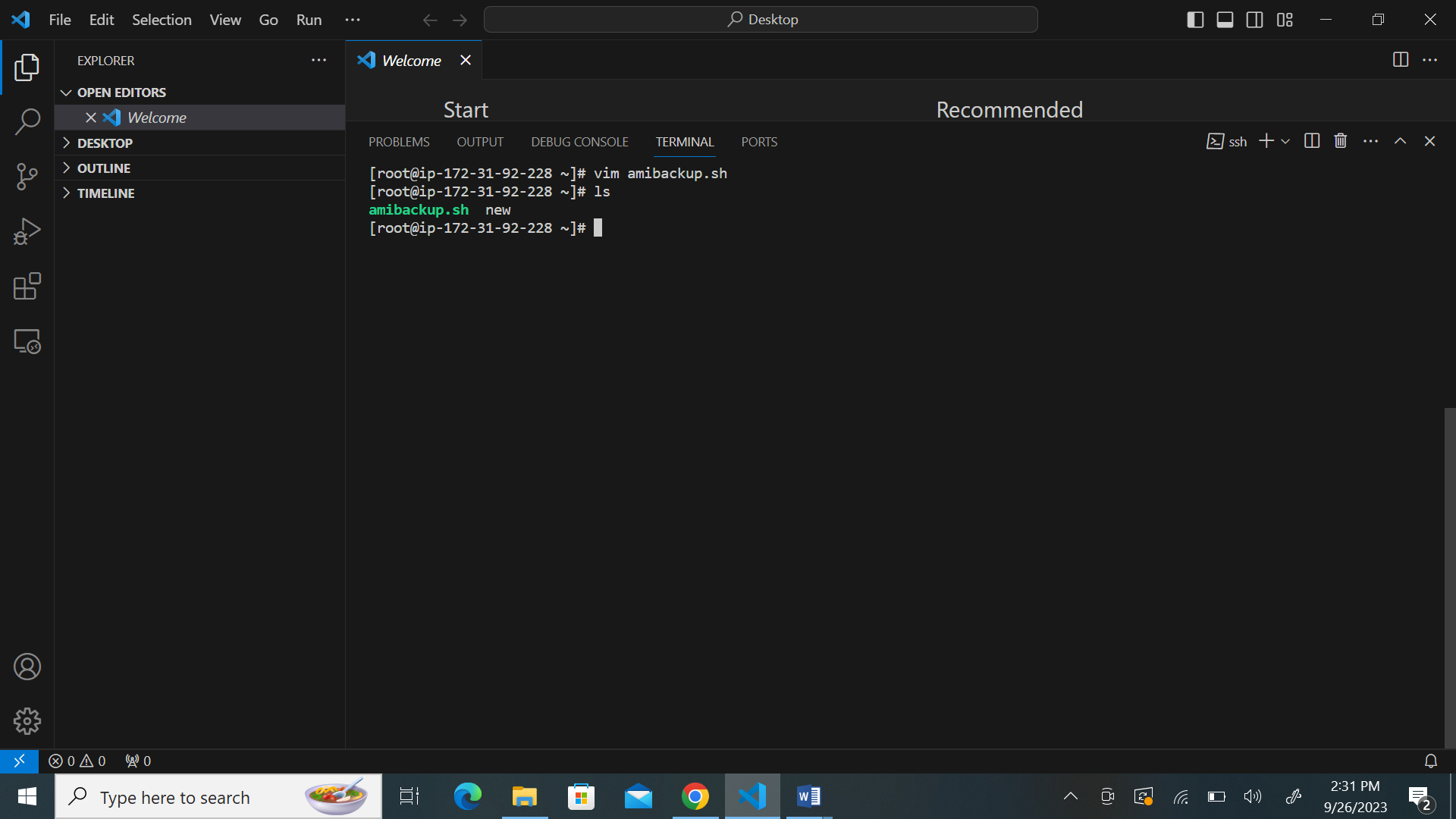
First of all We have to create instance so login to aws and got ec2 service and launch instance.



Step 2:-

After that get access of that instance for create a cron tab job to schedule script run on time to take a AMI of instance for security base . And after that create one .sh file to write a script in it.

I have created “ami.sh” name file vim editor and write in it a script of taking instance AMI.



Step 3:-

Now I have write following script in it with specific changes like aws user access key and secret key and instance id . make sure that you specify user have sufficient permission has given.

Script 🡺

#!/bin/bash

AWS\_ACCESS\_KEY\_ID="AKIAQ2VQSJTVKWKYVQ5H"

AWS\_SECRET\_ACCESS\_KEY="/eie3jrFS2pV5ES1JXHRVoWlT1lhpJsbqktOMFy07"

AWS\_DEFAULT\_REGION="us-east-1"

INSTANCE\_ID="i-074e2533c8e3634a9"

BACKUP\_PREFIX="DailyBackup-"

while true; do

CURRENT\_TIME=$(date +"%Y-%m-%d-%H-%M-%S")

BACKUP\_NAME="$BACKUP\_PREFIX$CURRENT\_TIME"

aws ec2 create-image --instance-id "$INSTANCE\_ID" --name "$BACKUP\_NAME" --description "Daily backup" \

--no-reboot

if [ $? -eq 0 ]; then

echo "Created a backup AMI with name: $BACKUP\_NAME"

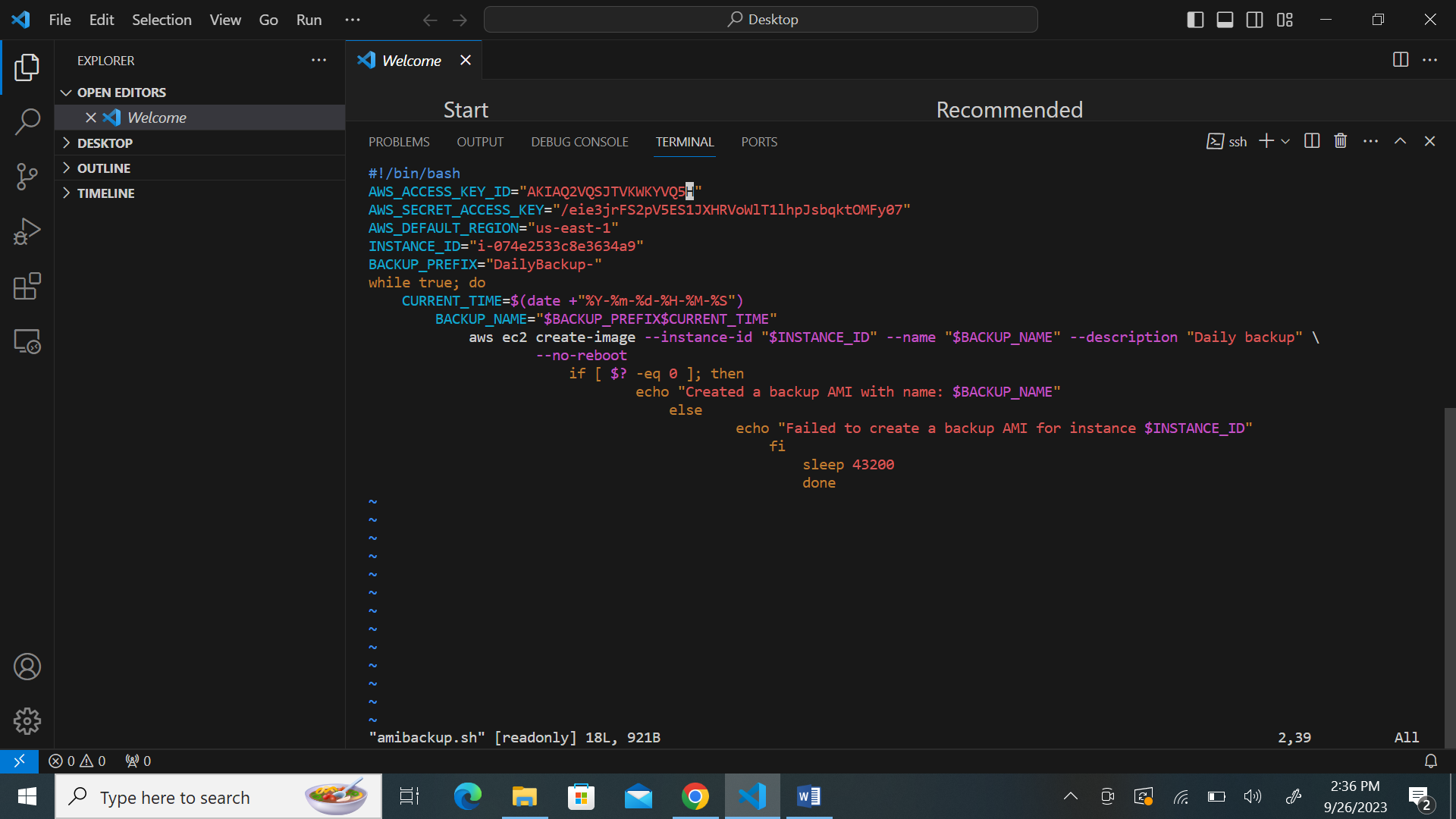
else

echo "Failed to create a backup AMI for instance $INSTANCE\_ID"

fi

sleep 43200

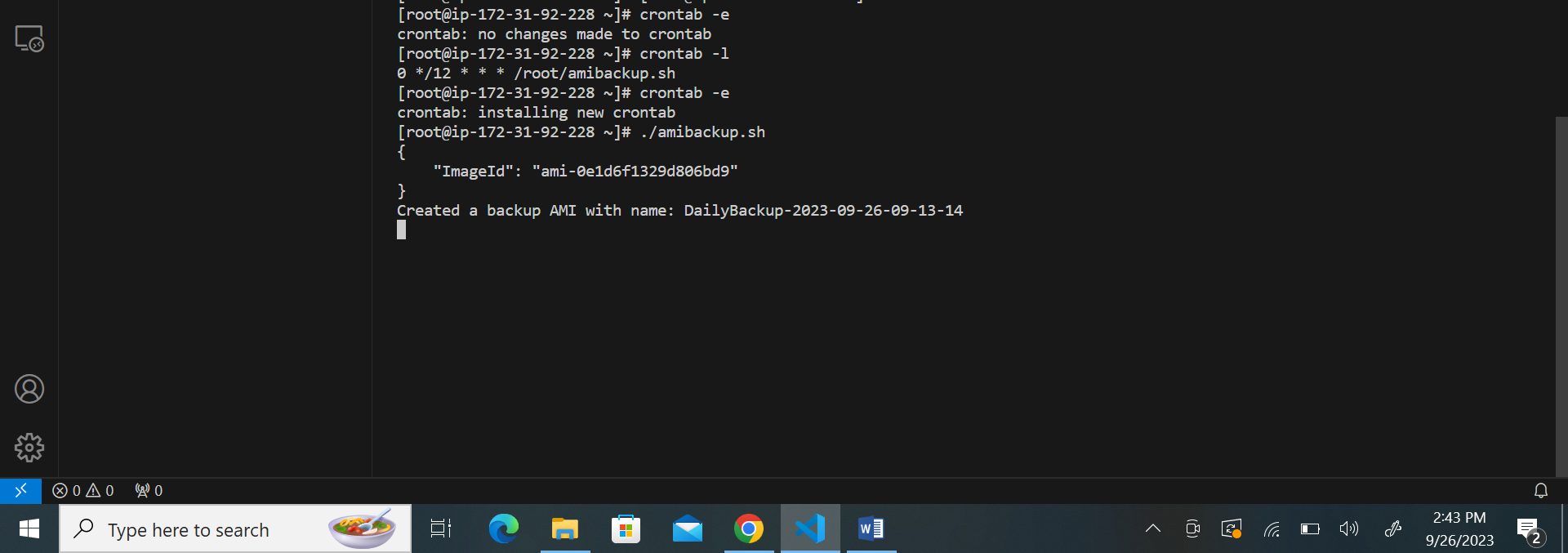
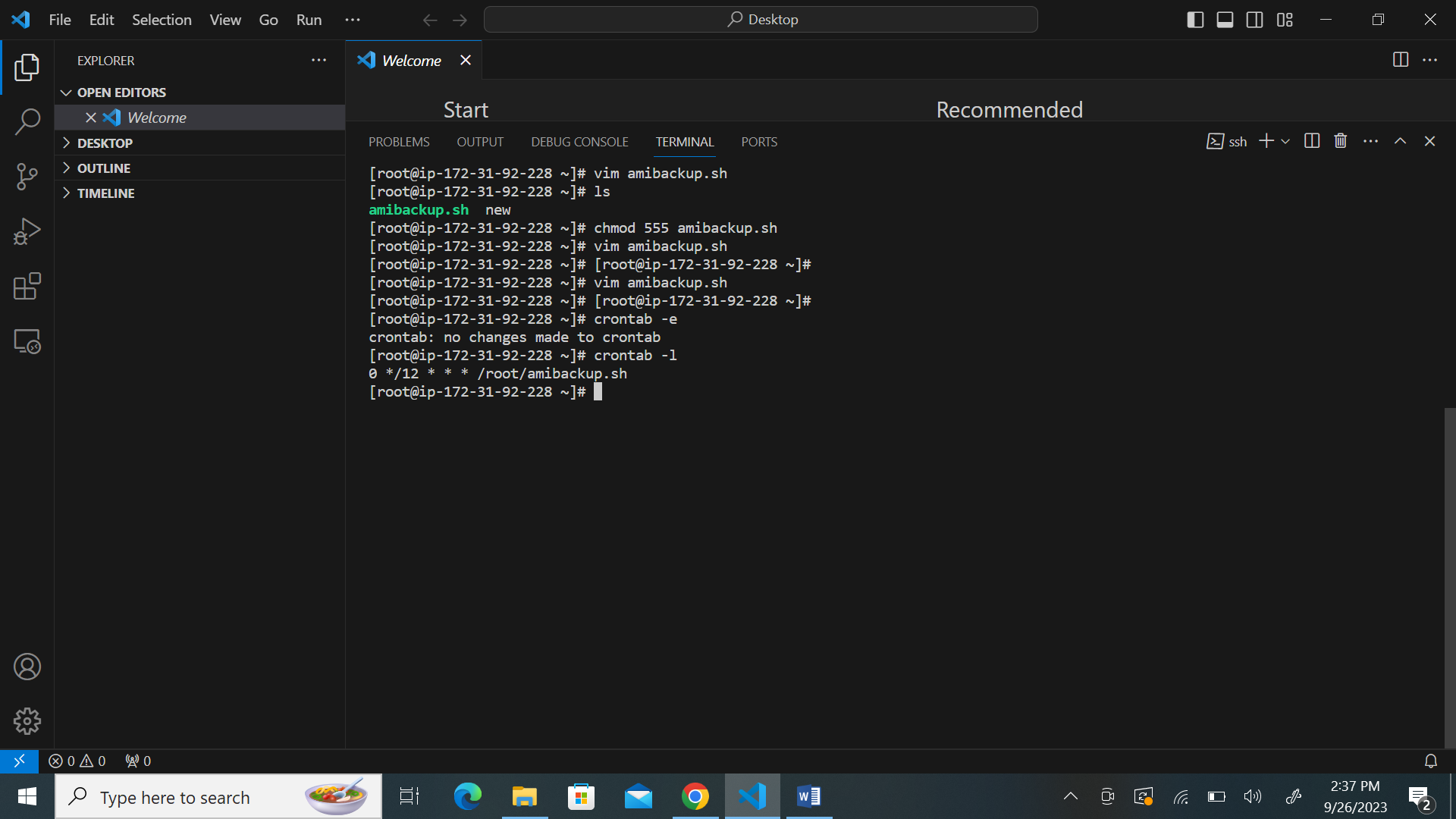
Done



Step 5:-

After that gave that ami.sh file a permission of execute (x) by run command

# chmod 555 ami.sh and then before schedule crontab job run this .sh file force full to test it runs or not.



Step 4:-

Now you have to schedule a cron tab job to run this script on on daily basics interval of 12 hrs

If crontanb command not found then install package by run command

# yum install cronie –y And then run configure service

# systemctl start crond and # systemctl enable crond

And then now create crontab job by run command # crontab –e

And now gave it file as o \*/12 \* \* \* /root/ami.sh and your cron tab job was scheduled.

