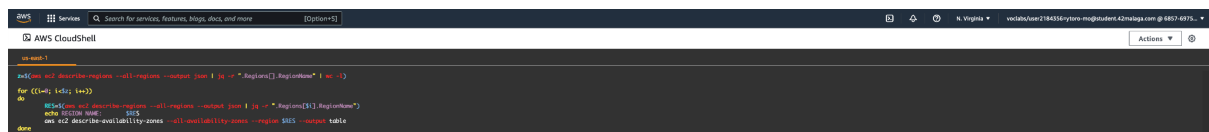


Practical case 1

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Task 1

Create a script that shows all AWS regions and his availability zones associated.



```
aws bash-1
$ cat script.sh
#!/bin/bash
# Get all AWS regions
REGIONS=$(aws ec2 describe-regions --all-regions --output json | jq -r '.Regions[].RegionName' | wc -l)
# Loop through each region
for ((i=0; i<$REGIONS; i++))
do
    # Get the region name
    RES=$(aws ec2 describe-regions --all-regions --output json | jq -r ".Regions[$i].RegionName")
    # Get the availability zones for the region
    AZS=$(aws ec2 describe-availability-zones --all-availability-zones --region $RES --output table)
done
```

This script first saves the amount of worldwide regions available for AWS. Then the script saves one by one the names of the regions, prints the name and shows his associate availability zones if you are authorized, otherwise prints a message saying that you don't have permission.

Script:

```
z=$(aws ec2 describe-regions --all-regions --output json | jq -r ".Regions[].RegionName" | wc -l)
```

```
for ((i=0; i<$z; i++))
do
```

```
    RES=$(aws ec2 describe-regions --all-regions --output json | jq -r
".Regions[$i].RegionName")
    echo REGION NAME: $RES
    aws ec2 describe-availability-zones --all-availability-zones --region $RES --output
table
done
```

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