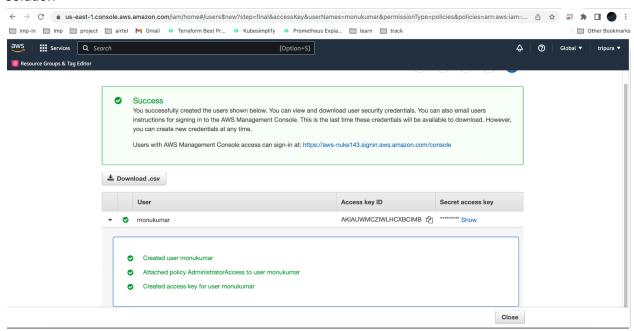
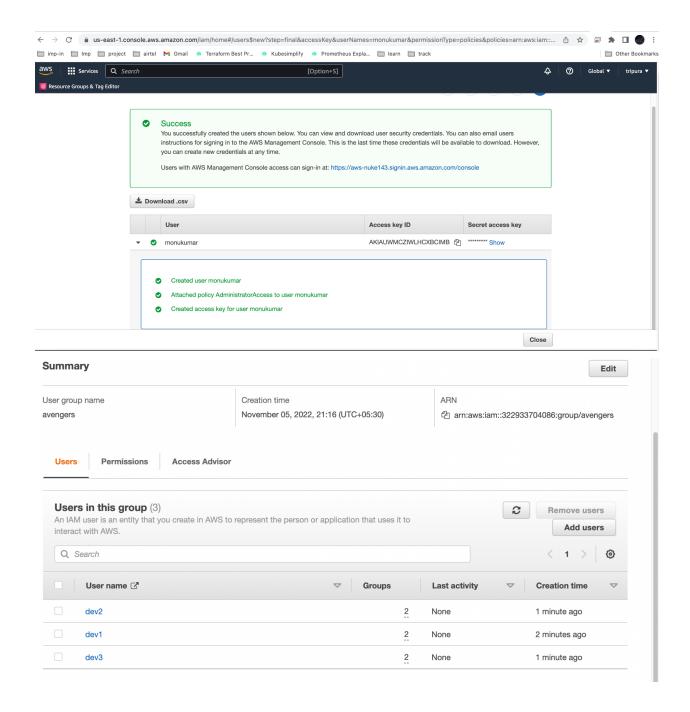
## Assignment sheet for IAM Assignment

Assignment 1 :- Create an IAM user with username of your own wish and grant administrator policy.

## solution



Assignment 2:- Hello students, in this assignment you need to prepare a developers team of avengers. - Create 3 IAM users of avengers and assign them in developer's groups with IAM policy.



Assignment 3:- Define a condition in policy for expiration like "DateGreaterThan": {"aws:CurrentTime": "2020-04-01T00:00:00Z"}, "DateLessThan": {"aws:CurrentTime": "2020-06-30T23:59:59Z"} Define the span of 4 months as per your wish

```
1 - {
 2
        "Version": "2012-10-17",
 3 -
        "Statement": [
 4 -
                "Effect": "Allow",
 5
 6
                "Action": "service-prefix:action-name",
                "Resource": "*",
 7
 8 -
                "Condition": {
9 -
                    "DateGreaterThan": {
10
                        "aws:CurrentTime": "2020-04-01T00:00:00Z"
11
                    "DateLessThan": {
12 -
                        "aws:CurrentTime": "2020-08-30T23:59:59Z"
13
14
                    }
15
                }
16
            }
17
        ]
```

Assignment 3:- Prepare 15 authentic MCQ questions related to IAM.

1. What is IAM?

lam is full form of Identity and access management .

2. How to control IAM?

Using policy we can control IAM

3. What is cloudtrail in aws

It is a service recording all the logs of iam users.

4. What are lam hierarchy of principle?

Root user

IAM user

User with temporary credentials

5. What is sts assume role?

It is use to login into account with temporary credentials.

6. What is identity?

Entity that can be authenticated.

## 7. What are the best practices you would follow while creating any IAM Policy?

Give least possible priviledges.

## Assignment 4:- Launch your linux instance in IAM and update your machine.

