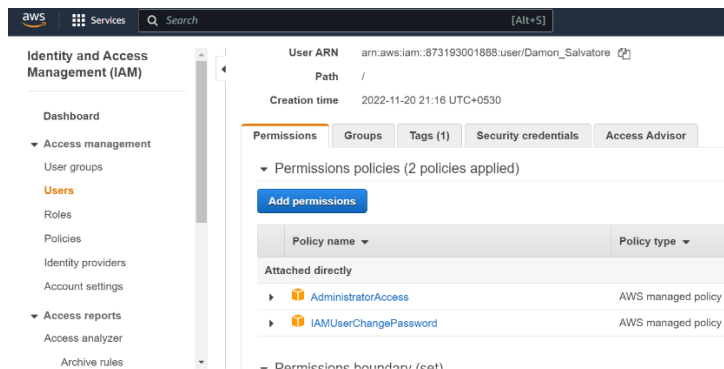
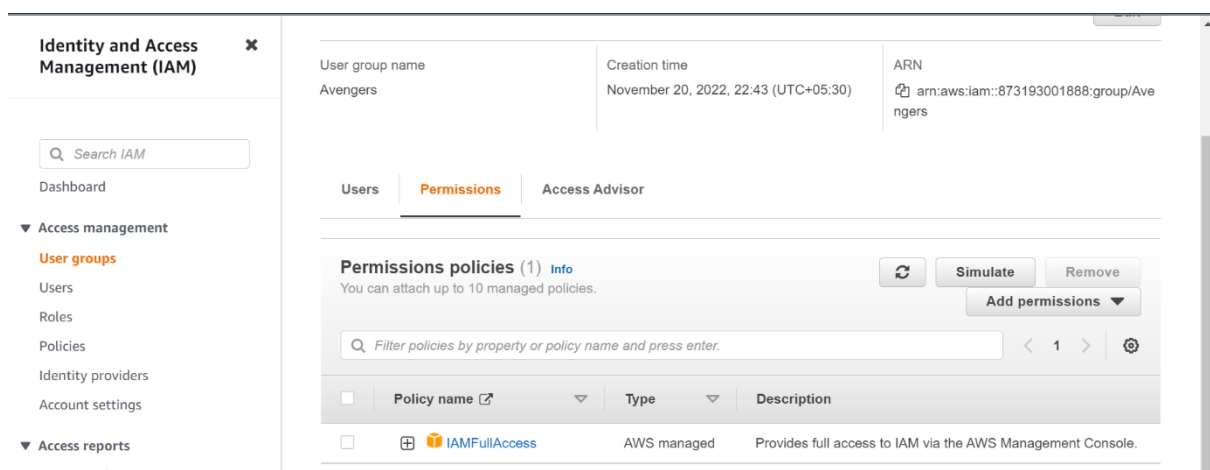
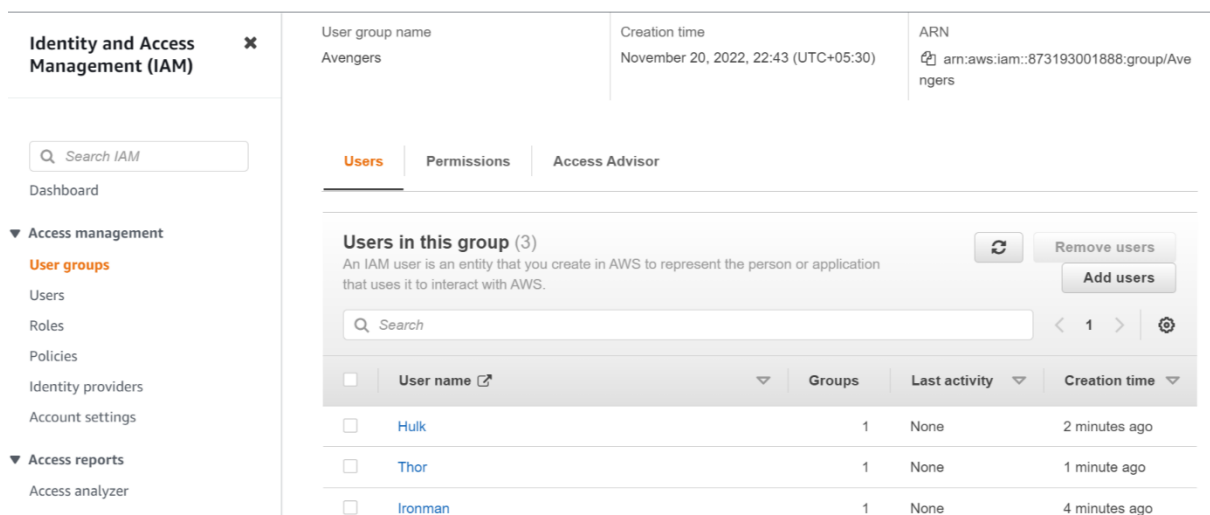


Assignment 1:- Create an IAM user with username of your own wish and grant administrator policy.



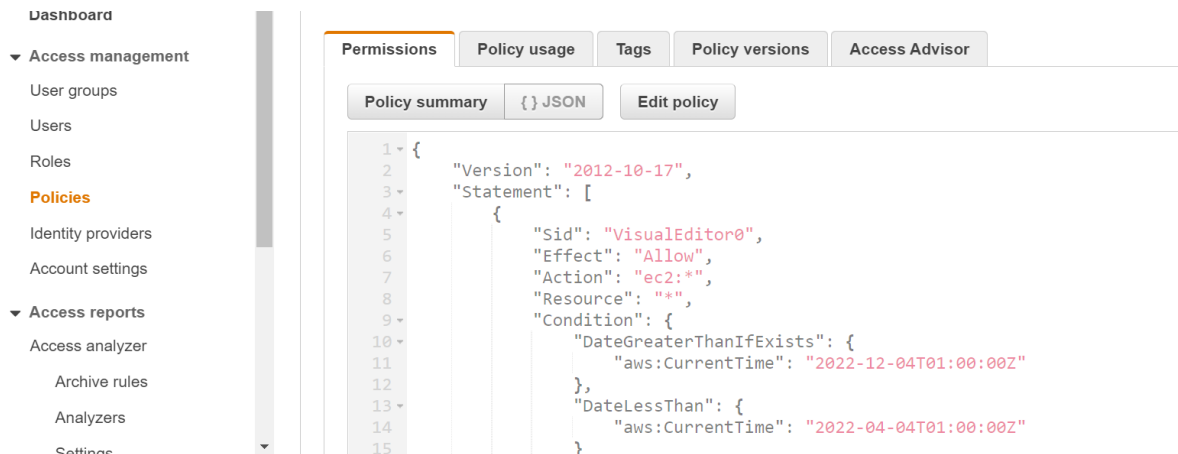
I created an IAM user named Damon\_Salvatore and grant him AdministratorAccess policy.

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.



Created a group named avengers of Users Hulk, Thor, Ironman and added IAMFullAccess 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.



The screenshot shows the AWS IAM console interface. On the left is a navigation sidebar with options like Dashboard, Access management, User groups, Users, Roles, Policies (highlighted), Identity providers, Account settings, Access reports, Access analyzer, Archive rules, Analyzers, and Settings. The main panel is titled 'Permissions' and contains tabs for Policy usage, Tags, Policy versions, and Access Advisor. Below these is a 'Policy summary' tab with a JSON editor. The JSON content is as follows:

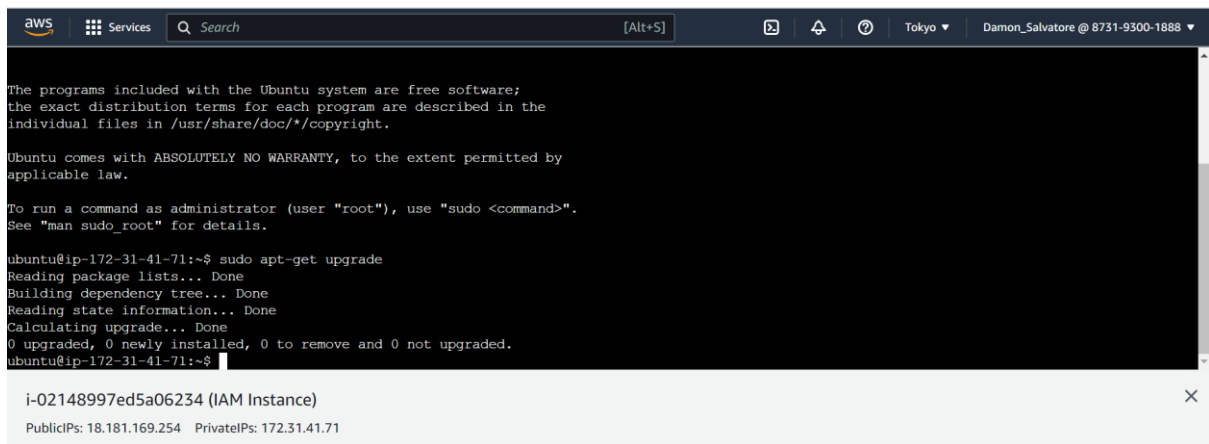
```

1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Sid": "VisualEditor0",
6       "Effect": "Allow",
7       "Action": "ec2:*",
8       "Resource": "*",
9       "Condition": {
10        "DateGreaterThanIfExists": {
11          "aws:CurrentTime": "2022-12-04T01:00:00Z"
12        },
13        "DateLessThan": {
14          "aws:CurrentTime": "2022-04-04T01:00:00Z"
15        }
16      }
17     }
18   ]
19 }

```

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

Logged into created IAM user account, launched ec2 instance and updated the machine using sudo apt get upgrade command.



The screenshot shows an AWS console window with a terminal session on an Ubuntu instance. The terminal output is as follows:

```

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-41-71:~$ sudo apt-get upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
ubuntu@ip-172-31-41-71:~$

```

Below the terminal window, the instance details are shown: i-02148997ed5a06234 (IAM Instance). Public IPs: 18.181.169.254 Private IPs: 172.31.41.71.