Que-1:

1. Create policy read, write for EC2 instance except delete. Attach this policy to one IAM user Raj then login as a Raj then create EC2 instance install tomcat server inside instance and host default webite.
2. Create policy with read for EC2 instance and attach this policy to second IAM user Rahul and try to delete instance created by Raj

Raj 🡪 Security Group

Rahul 🡪 QA Group

Que-2:

1. Create publicly hosted website on S3 bucket

* How to give write permission for policy with EC2 instance
  + Go to policies
  + Select service 🡪 EC2
  + Click on switch to deny permission
  + Now only check delete permission in write
  + Create policy

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**Create EC2 instance of windows**

* All the steps are same
  + Storage capacity 🡪 30 GB
  + Launch instance
* Select instance
  + Connect
  + Go to RDP
  + Download remote desktop file
  + Click get password
  + Click upload
  + Click decrypt password
  + Copy password
  + Double click remote desktop file
  + Put copied password
  + Click ok
  + Windows GUI will be opened.

**Running Tomcat on Windows**

* Win+R
* Type cmd enter
* Type java –version
* Java not installed
* Installing java
  + Open browser
  + Go to google.com
  + Type install java
  + Click java downloads oracle
  + Download x64 installer
  + Double click download file
  + Install java
  + Again type java --version on cmd
* If java is not there
  + Search environment
  + Go to system property
  + Click variable
  + On system variable click on path and select edit
  + Click on New \*
  + After it click this PC
  + Go to C drive
  + Go to java/jdk-19/bin
  + Copy path from top
  + \* paste path
  + Click ok
  + Click ok
  + Click ok
  + Again type java --version in cmd
  + We will get java version

**Installing Tomcat**

* Install tomcat
* Click apache tomcat on google
* In download
  + Select tomcat 9
* In binary distribution / core
  + Select last option
* Will be download
* Double click download file
* In choose components
  + Select full
* Give username, password
* Finish
* Hosting default page
  + Go to browser
  + Type localhost:8080
  + Default page will be displayed
* Deploy war file on tomcat
  + Download sample war file from google
  + Extract it
  + Go to tomcat page
  + Type localhost:8080/manager/html
    - Give username password of tomcat
    - Username 🡪 tomcat
    - Password 🡪 hpcsa
  + Scroll down to war file
  + Select war file we downloaded
  + Deploy
  + In new tab go to browser
    - Localhost:8080/sample
    - Hello world will be displayed