CREATING S3 BUCKET: -

* To create a bucket, first, sign into your AWS account and navigate to the S3 service. Then, click on "Create Bucket."
* Enter the bucket name as '645webpage' and enable ACLs (Access Control Lists).
* Make sure to uncheck the option for "Block all public access."
* Click on "Create Bucket."
* Go to the buckets page and select the '645webpage' bucket.
* Click on "Upload" and choose the files 'index.html', 'image1.jpg', and 'error.html.'
* After uploading the files, select them and make them public by using the ACL (Access Control List) option under Actions.
* Now, go to the index.html file and find the object URL mentioned below:

<https://s3.amazonaws.com/645webpage.com/index.html> (index page)

CREATING EC2 INSTANCE: -

* Search for EC2 and click on ‘Launch Instance’.
* Enter name of web server.
* Search for AMI ‘Tomcat by bitnami’.
* Choose instance type ‘t2. micro’.
* Create new key pair with name ‘surveykey’, download it on to file ‘project1’ on desktop.
* Now click on launch instance.
* Now click on instance created on instances page and click on connect.
* Click on shh client and copy public DNS.
* Now open terminal and enter the following commands.

1. cd project1 //visiting the project1 file.
2. chmod 600 surveykey.pem //setting permission for surveykey.pem.
3. “ scp -i surveykey.pem assignment.war [bitnami@ec2-100-27-48-69.compute-1.amazonaws.com:/home/bitnami](mailto:bitnami@ec2-100-27-48-69.compute-1.amazonaws.com:/home/bitnami) ” //to securely transfer file assignment.war to AWS using the private key ‘surveykey.pem’.
4. “ssh -i surveykey.pem [bitnami@ec2-100-27-48-69.compute-1.amazonaws.com](mailto:bitnami@ec2-100-27-48-69.compute-1.amazonaws.com) “ //it is used to establish SSH connection to remote server using private key ‘surveykey.pem’.
5. ls // to check if bitnami is working
6. sudo cp assignment.war /opt/bitnami/tomcat/webapps. //copying assignment file to the mentioned path

* Now we can visit the instance and open the address and add the file path, then we get.

<https://ec2-100-27-48-69.compute-1.amazonaws.com/assignment/survey.html> (Address to survey form)