**QUESTION 3:  
  
Create an s3 bucket and deploy the reactjs static application on it and provide with the public url for use.**

**CREATE BUCKET:**

STEP 1:

Navigate to S3 Bucket and click on create new bucket.

STEP 2:

Give the unique bucket name, and provide the region.

STEP 3:

Choose the bucket ownership as ACLs disabled.

STEP 4:

Uncheck all public access, check I acknowledge, and click on Create Bucket.

STEP 5:

Select created bucket and click on the permissions tab. **Click on Edit Bucket Policy**

STEP 6:  
**Click on Edit Bucket Policy and paste the following policy in policy editor and replace your bucket name and click on save changes.**

{

"Version": "2012-10-17",

"Statement": [

{

"Sid": "Stmt1380877761162",

"Effect": "Allow",

"Principal": {

"AWS": "\*"

},

"Action": "s3:GetObject",

"Resource": "arn:aws:s3:::<<Enter Your Bucket Name>>/\*"

}

]

}

**STEP** 7:  
**Click on the Properties tab. Click on the edit button of Static Website hosting. Enable static website hosting, enter index.html in Index document and Error document and click on Save changes. Copy the website endpoint and copy it in notepad.**

**Create React APP:**

**STEP 1:**

**Initialize react app using “create-react-app”.**

**STEP 2:**

**Run the react app using  “npm start” and open**<http://localhost:3000/>**on the browser.**

**STEP 3:**

**Generate build using “npm run build” and find build folder in the root directory.**

## Upload objects on S3

**STEP 1:**

**Click on the Objects tab of the S3 bucket. Click on the Upload button.**

**STEP 2:**

**Drag and drop all files and folder build folder to the S3 console. Click on the Upload button on the S3 console.**

**STEP 3:**

**Open website endpoint in the browser.**