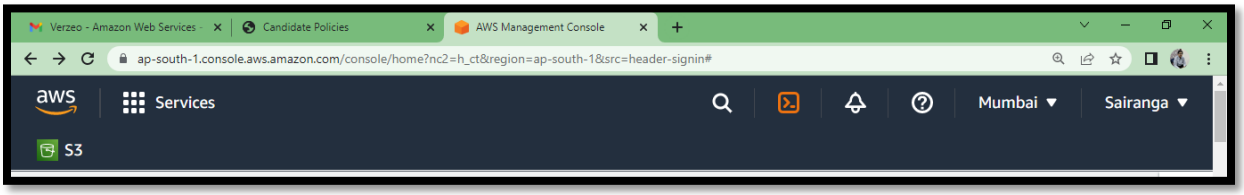
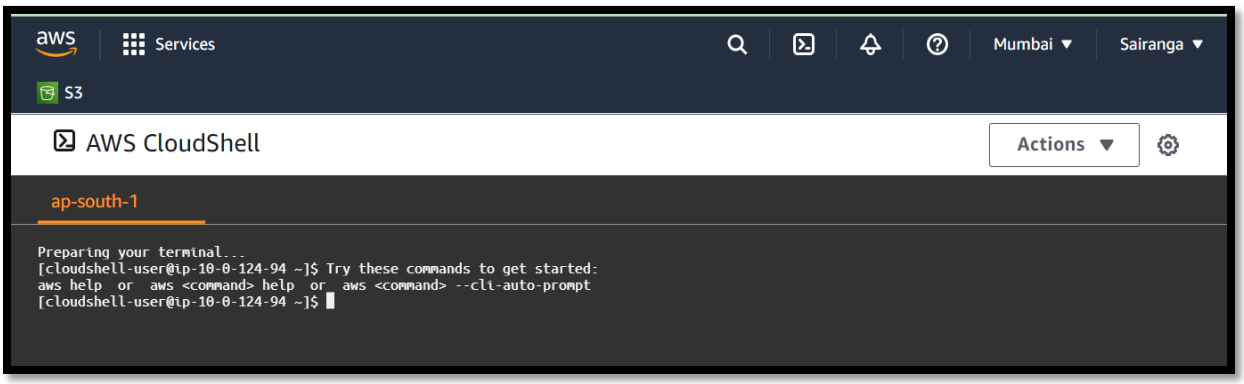
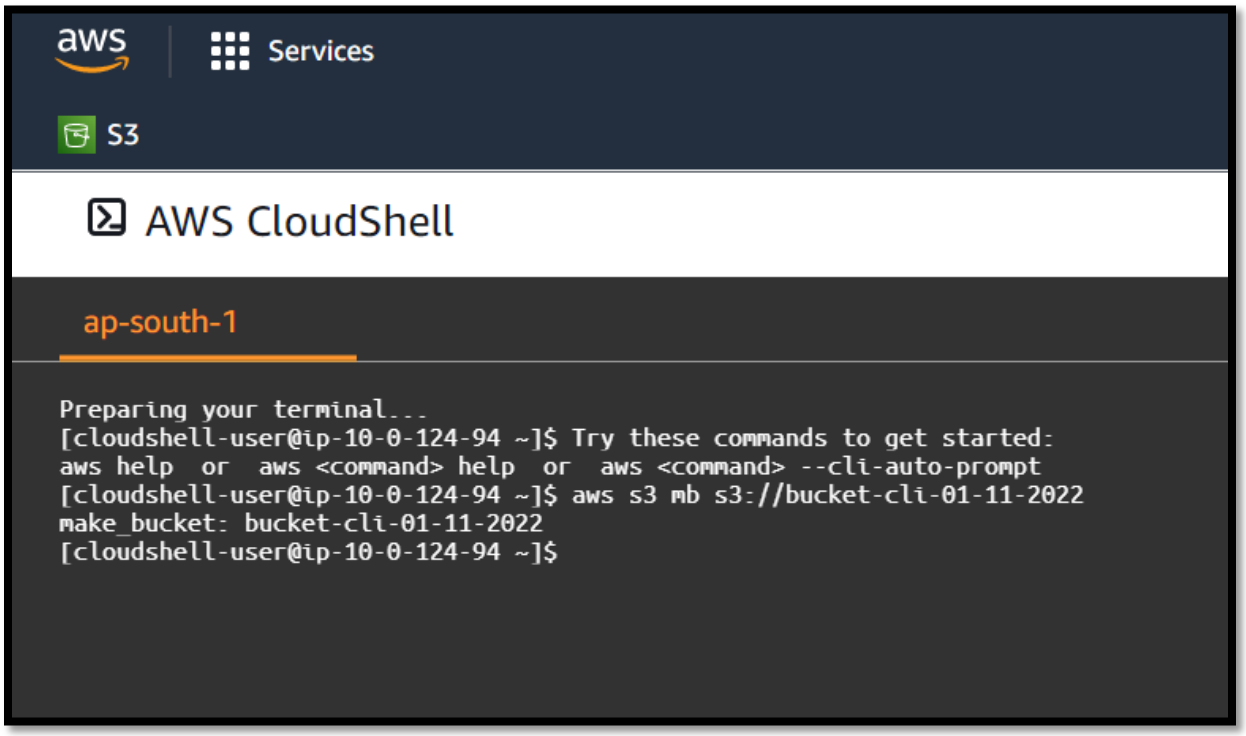
Amazon Web Services September Major Project

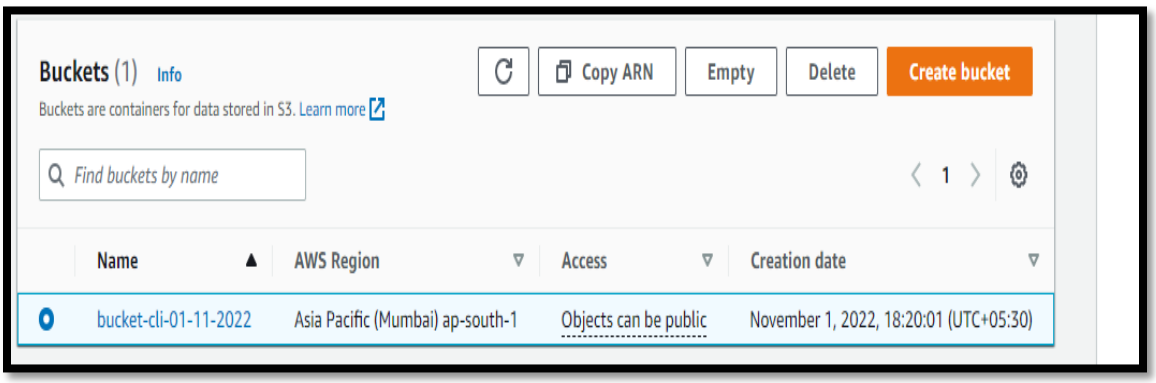
Objective (description): Challenge with S3 using AWS CLI

1.Creating an S3 bucket : Using CLI

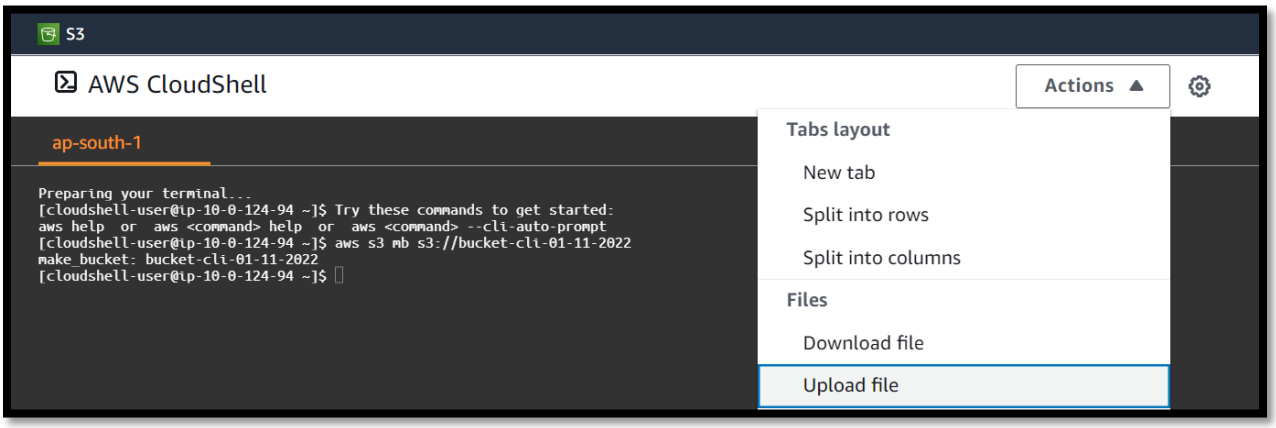


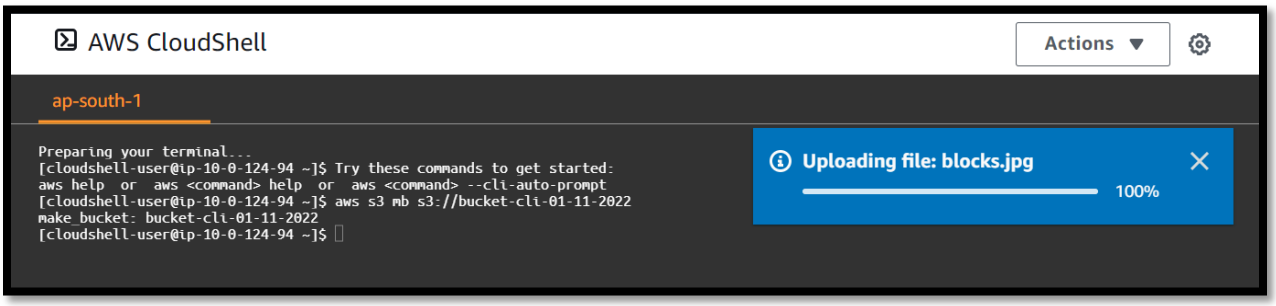




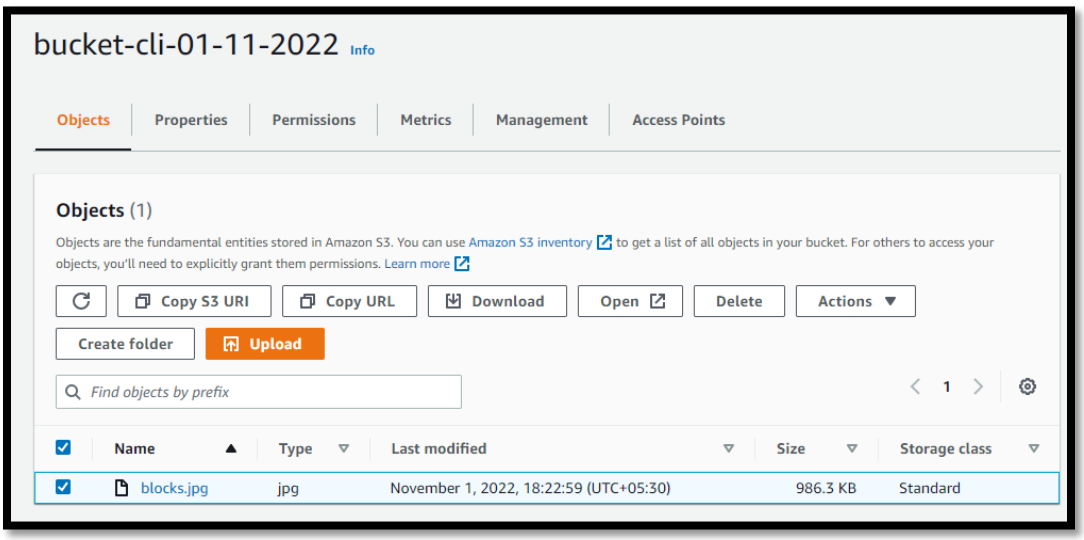


2. Uploading an object into this bucket(bucket-cli-01-11-2022):

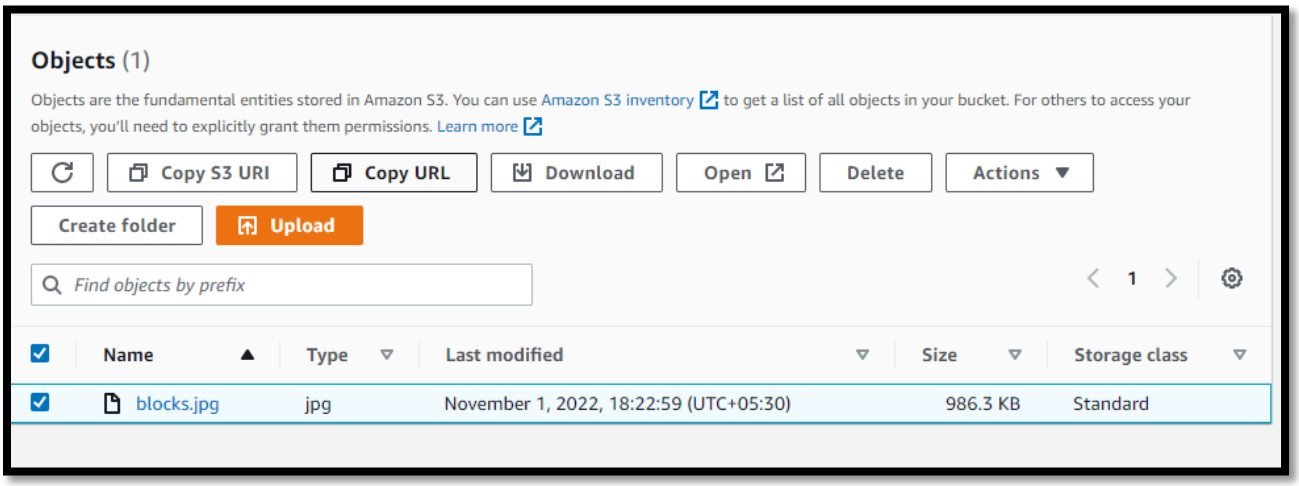




Copying and uploading object into s3 bucket (bucket-cli-01-11-2022)

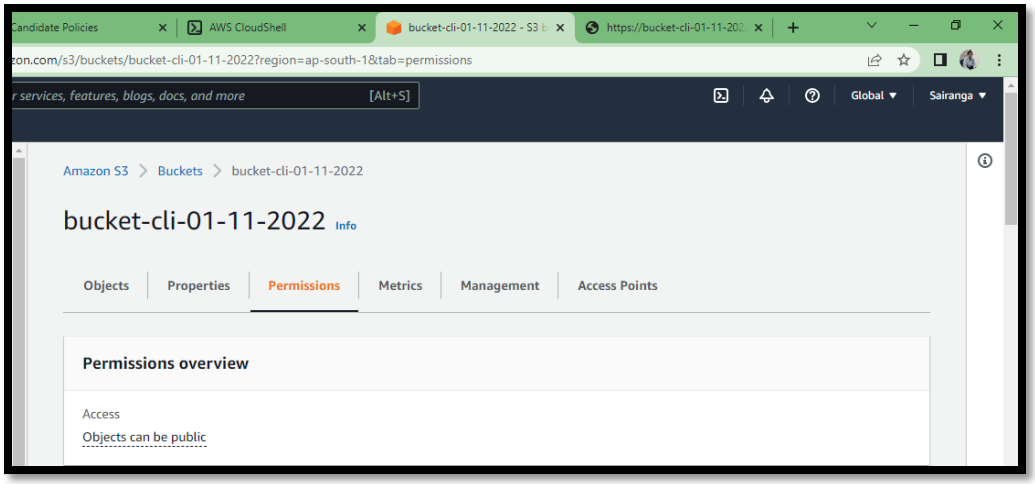


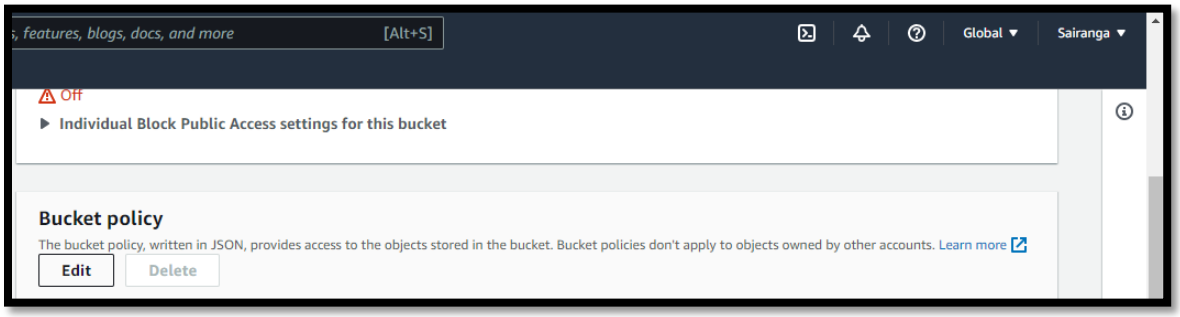
3. Trying to access the object using a web browser :

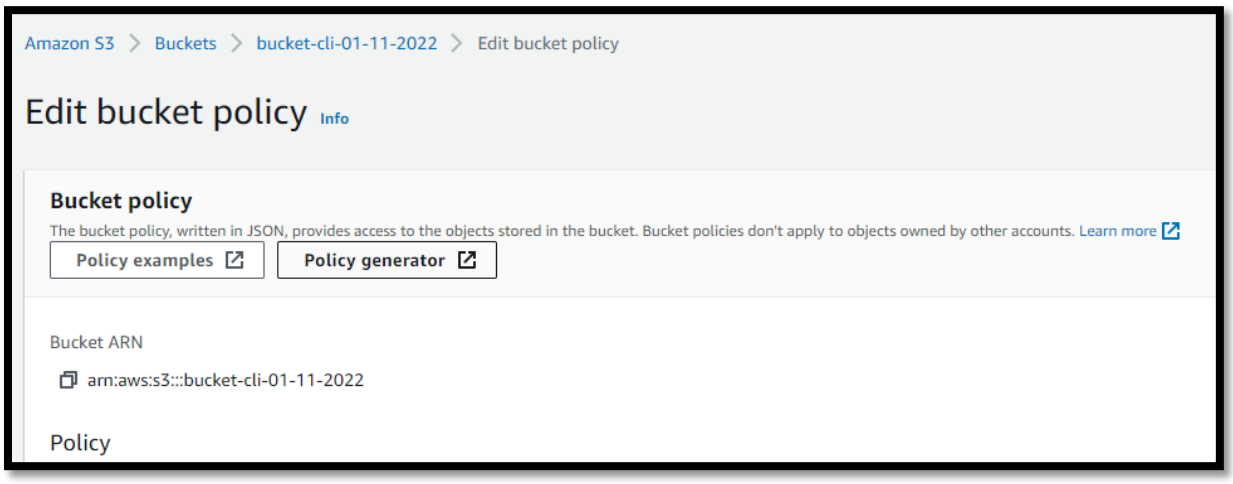


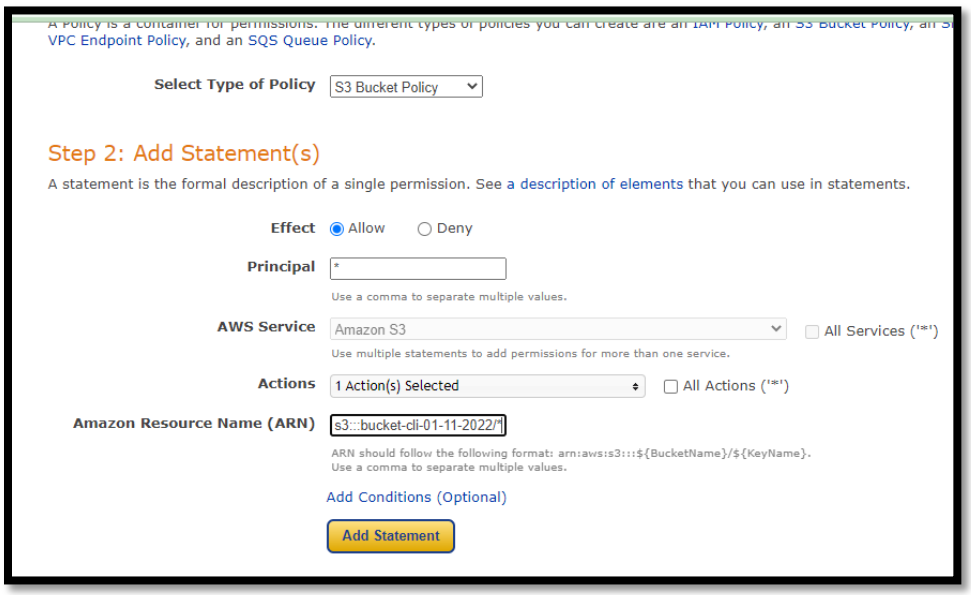
Unable to Access the object

4. Making the Object publicly accessible:



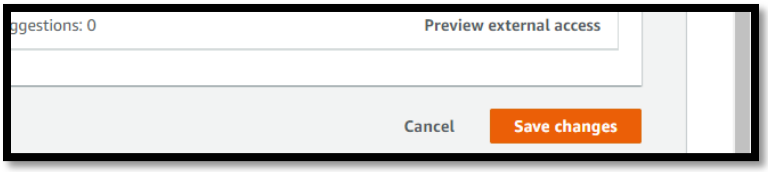


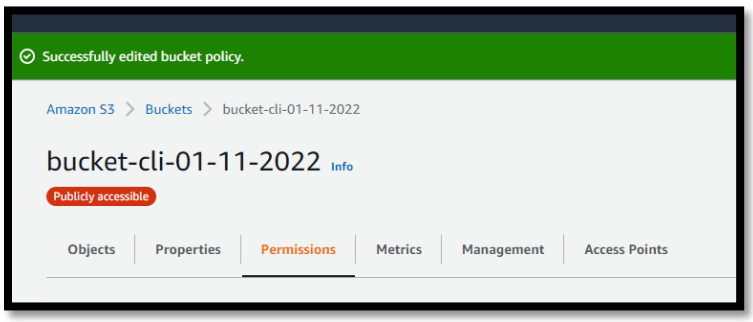



VPC Endpoint Policy, and an SQS Queue Policy.
Select Type of Policy
S3 Bucket Policy
Step 2: Add Statement(s)
A statement is the formal description of a single permission. See a description of elements that you can use in statements.
Effect
Allow
Deny
Principal
*
Use a comma to separate multiple values.
AWS Service
Amazon S3
All Services ('*')
Use multiple statements to add permissions for more than one service.
Actions
1 Action(s) Selected
All Actions ('*')
Amazon Resource Name (ARN)
s3:::bucket-cli-01-11-2022/*
ARN should follow the following format: arn:aws:s3:::${BucketName}/${KeyName}.
Use a comma to separate multiple values.
Add Conditions (Optional)
Add Statement

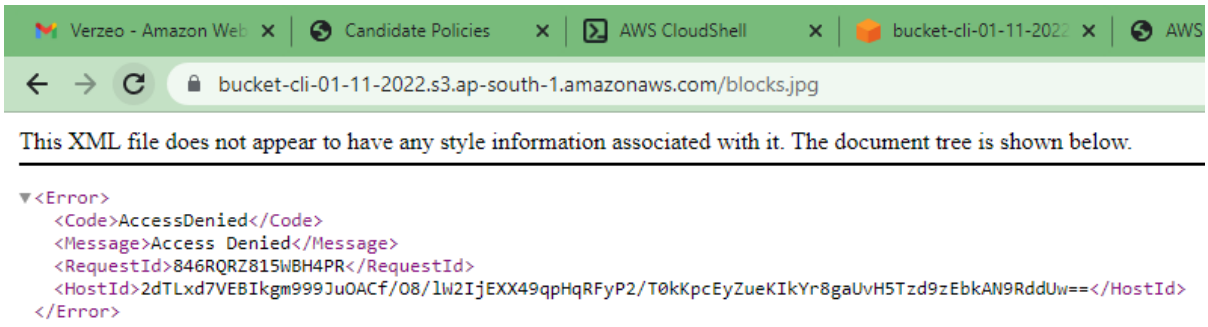

You added the following statements. Click the button below to Generate a policy.
Principal(s)
Effect
Action
Resource
Conditions
*
Allow
s3:GetObject
arn:aws:s3:::bucket-cli-01-11-2022/*
None
Step 3: Generate Policy
A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements.
Generate Policy
Start Over


Policy
{
"Id": "Policy1667307276817",
"Version": "2012-10-17",
"Statement": [
{
"Sid": "Stmt1667307273565",
"Action": [
"s3:GetObject"
],
"Effect": "Allow",
"Resource": "arn:aws:s3:::bucket-cli-01-11-2022/*",
"Principal": "*"
}
]
}

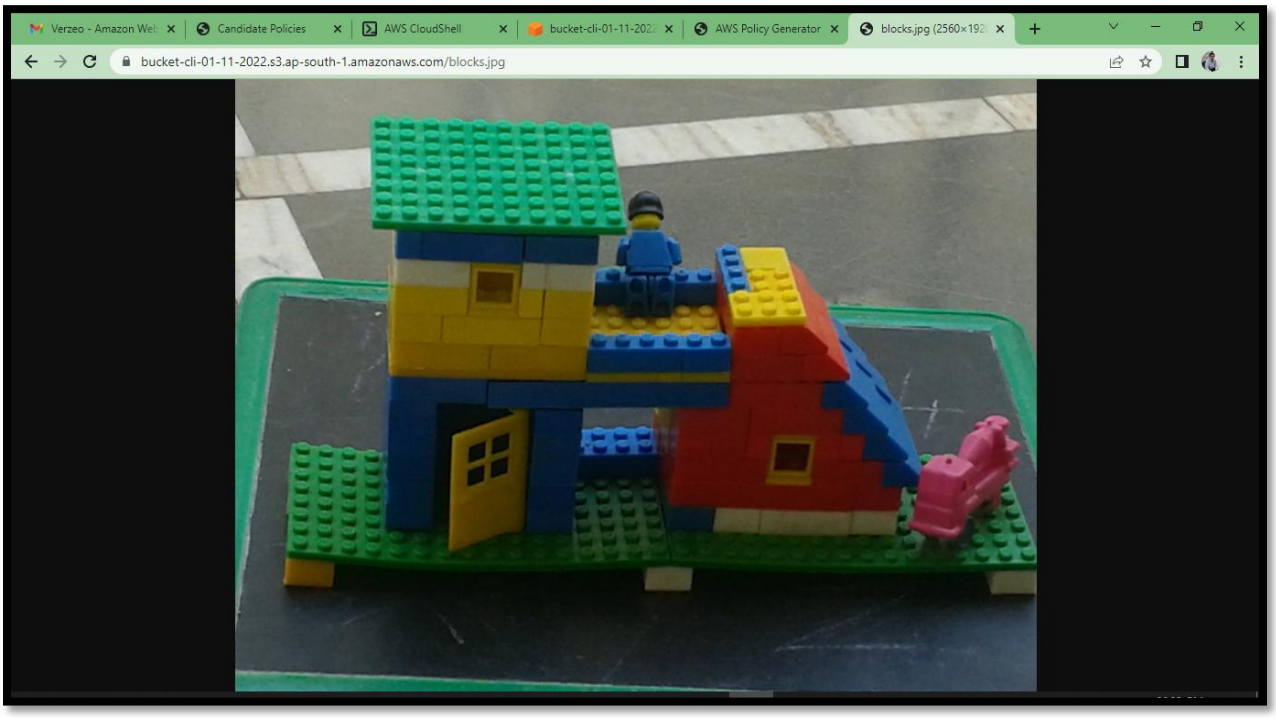

ggestions: 0
Preview external access
Cancel
Save changes



5. Accessing the object using a web browser :

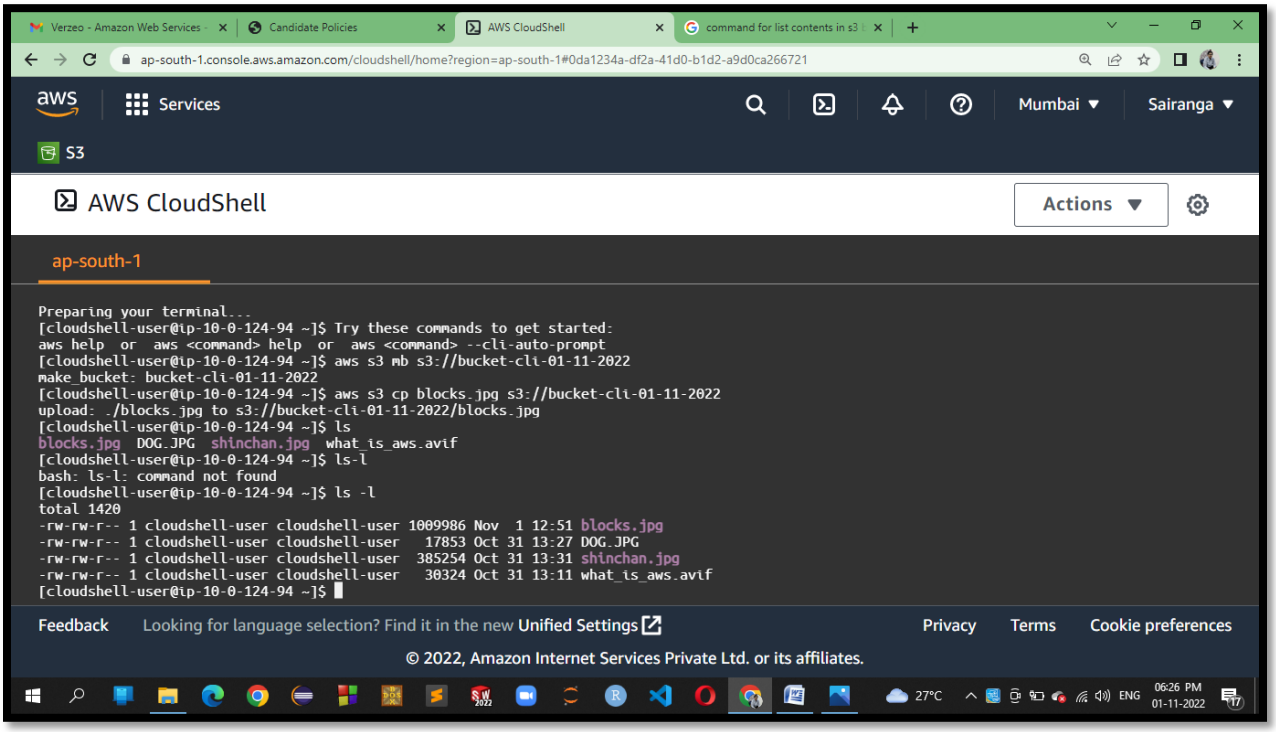


Refreshing the page :



Able to access the object

6. Listing the contents of the S3 bucket using AWS CLI :



Project Successfully completed.