Install AWS CLI from internet
Go to browser
https://docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html
From the website copy paste the following command
curl "https://awscli.amazonaws.com/awscli-exe-linux-x86_64.zip" -o "awscliv2.zip"
unzip awscliv2.zip
sudo ./aws/install

Create access key for CLI

in AWS account (IAM→users→ security credential → access key→ create access key →select CLI
option → create (mail the key)

To configure aws account in CLI
 $aws configure
Access ID : from AWS
Secrete access key: generated key
Region name: ap-south1
Default format : text

To Creating S3 bucket in AWS account
Search S3→ create bucket→General purpose → Bucket name (global y unique)→ create bucket
To upload files and folder
Upload → up load files/ folders

To create bucket in CLI
$ asw s3api create-bucket --bucket <bucket name>   --region <region name> --create-bucket-
configuration LocationConstraint=<region name>
To display the buckets
$ aws s3api list-bucket
To display the contents of bucket
$aws s3 ls s3://<bucketname>
To copy
$aws s3 cp s3://<source bucket>/filename   s3://<destination bucket>/filename

To access files from external browser using cloud Cloud front

Search Cloud front→ create cloud front distribution →single website or app
Origin domain→ select bucket
Origin access → Origin access control setting (recommended)
Create new OAC →create OAC (need to change the bucket policy)
Web Application Firewall → choose Do not enable security protection → create distribution

Changing bucket Policy
In AWS account →s3→ select bucket→ Permission → bucket policy →edit

```
{
   "Version": "2012-10-17",
   "Statement": [
     {
        "Sid": "AllowCloudFrontAccessOnly",
        "Effect": "Allow",
        "Principal": {
           "Service": "cloudfront.amazonaws.com"
        },
        "Action": "s3:GetObject",
        "Resource": "arn:aws:s3:::mybucket16052025/* ",
        "Condition": {
           "StringEquals": {
              "AWS:SourceArn": "arn:aws:cloudfront::816069140725:distribution/E3BOMUWU8UXAOJ"
           }
        }
     }
   ]
}
```
Note: Change red colored values

   → Save

After creating cloud distribution

-→ Cloud distribution domain name (copy paste in browser)

→ After URL, give the file name