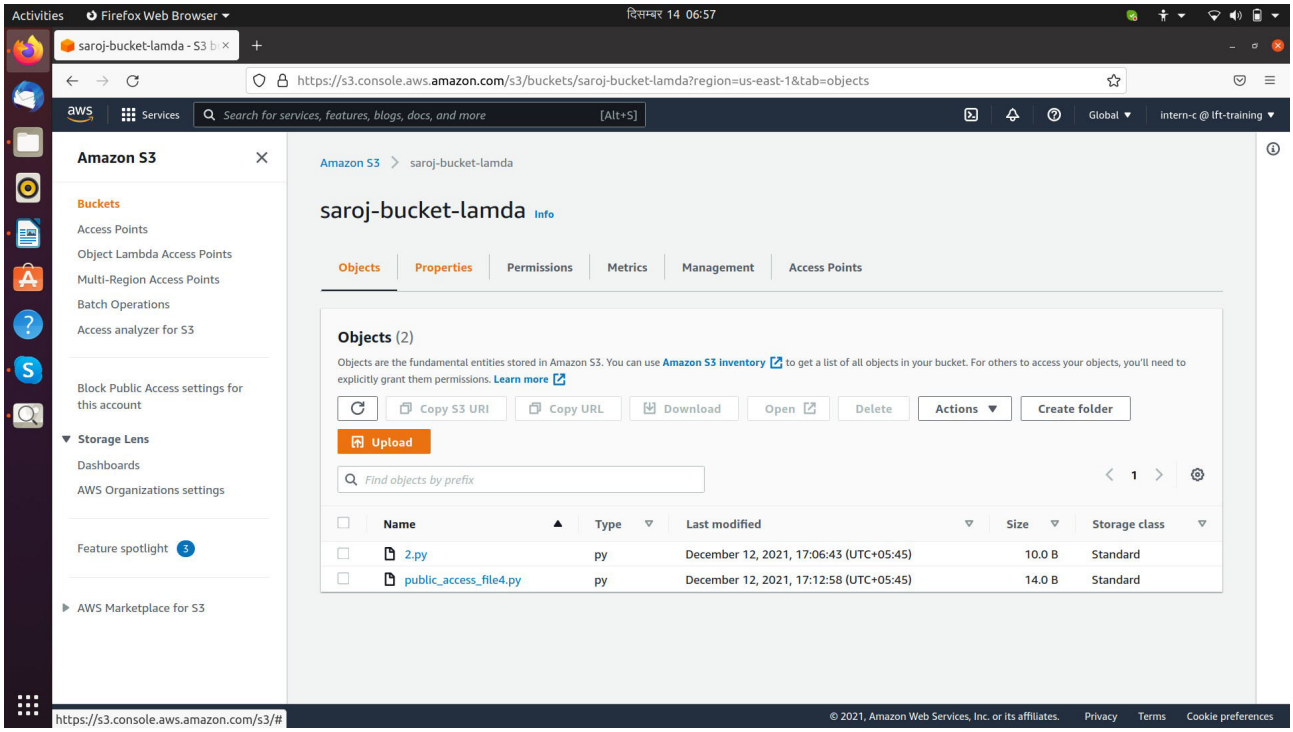
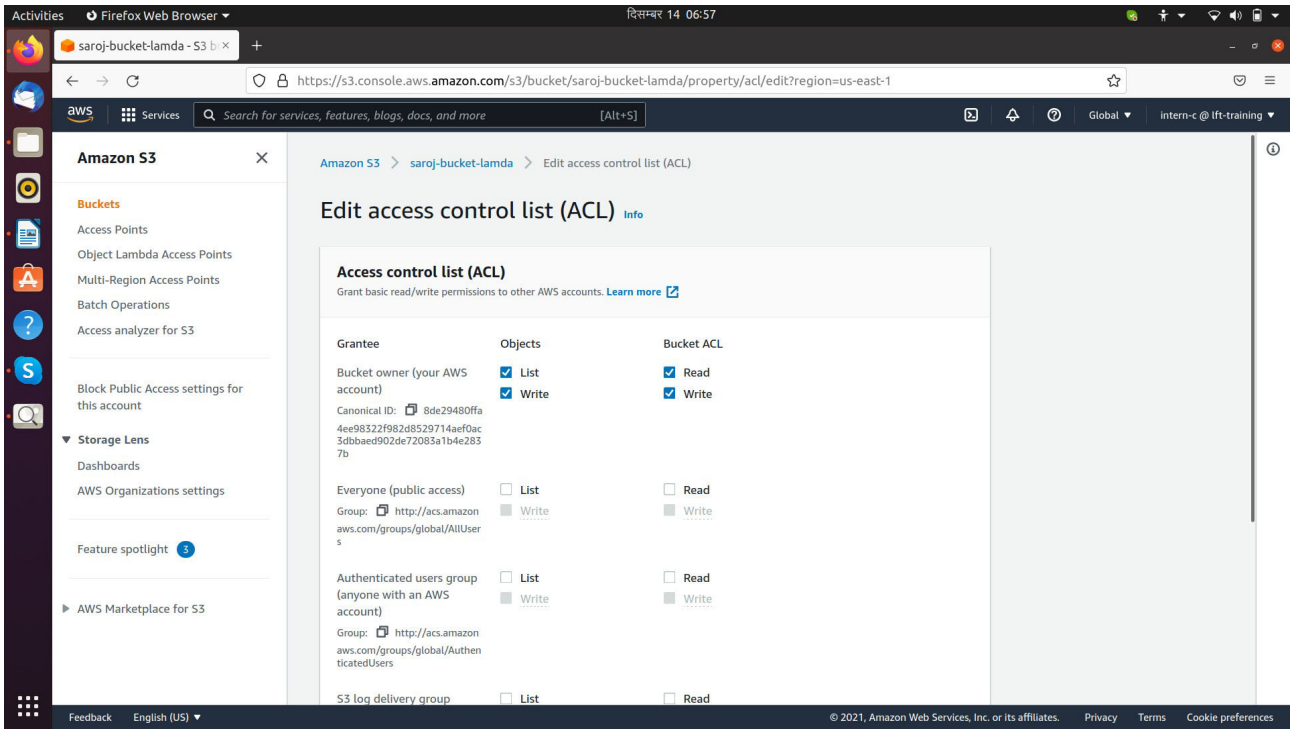
Task 2

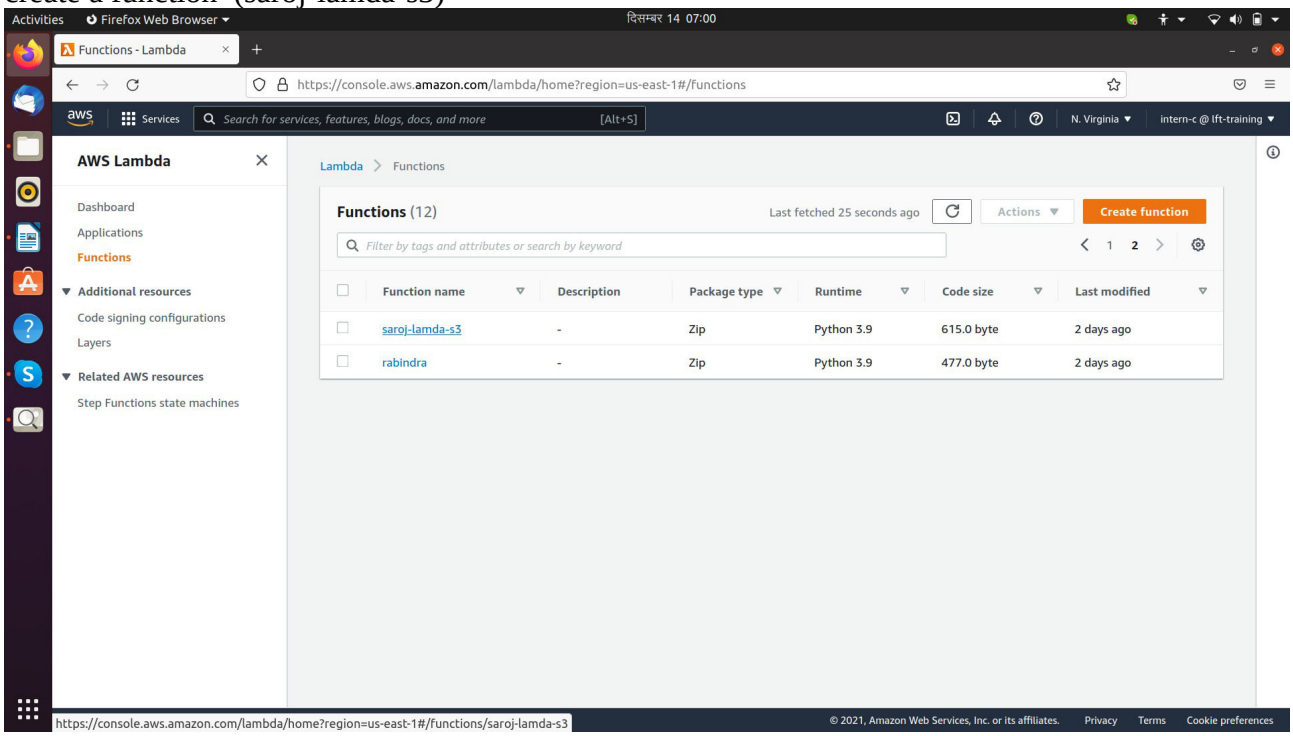
Create a bucket (saroj-bucket-lamda)



grant acl permission



create a function (saroj-lamda-s3)



Add trigger s3 bucket
prefix public_access
event-type put

code

```
# import json
# import boto3
# import urllib


# s3 = boto3.client('s3')

# def lambda_handler(event, context):
#     #print("Received event: " + json.dumps(event, indent=2))
#     #s3 = boto3.client('s3')

#     # Get the object from the event and show its content type
#     bucket = event['Records'][0]['s3']['bucket']['name']
#     filename = event['Records'][0]['s3']['object']['key']

#     public_object=s3.Object(bucket, filename)

#         #get the ACL object for the uploaded object
#     acl=public_object.Acl()

#         #make the object publicly accessible
#     acl.put(ACL='public-read')

import json
```

```
import boto3

bucket = "saroj-bucket-lamda"


def lambda_handler(event, context):

    # extracting the bucket name and object name from the event
    bucket_name=event["Records"][0]["s3"]["bucket"]["name"]
    object_name=event["Records"][0]["s3"]["object"]["key"]

    print("bucket name is", bucket_name)
    print("object name is", object_name)



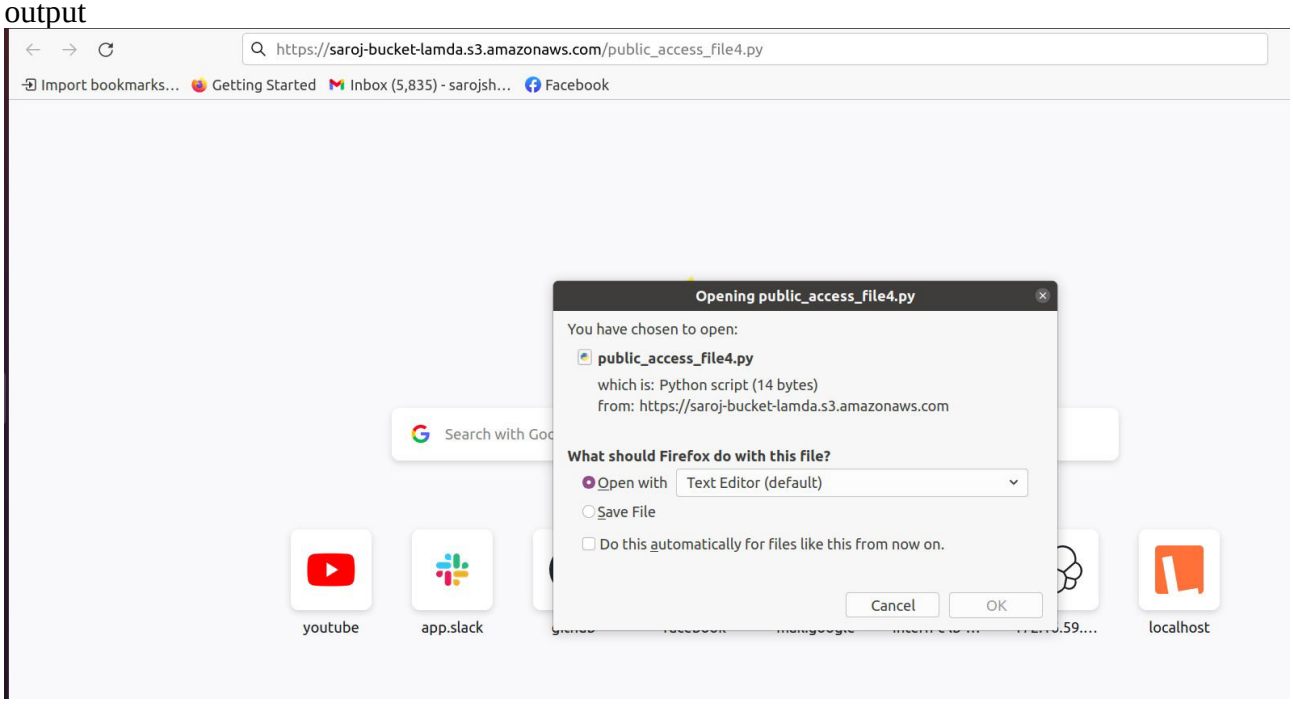
    #initializing an s3 resourcce
    s3=boto3.resource('s3')

    #getting the uploaded public object
    public_object=s3.Object(bucket,object_name)

    #get the ACL object for the uploaded object
    acl=public_object.Acl()

    #make the object publicly accessible
    acl.put(ACL='public-read')
```

output



This XML file does not appear to have any style information associated with it. The document tree is shown below.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−<Error>
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    <Message>Access Denied</Message>
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  −<HostId>
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    </HostId>
  </Error>
```