

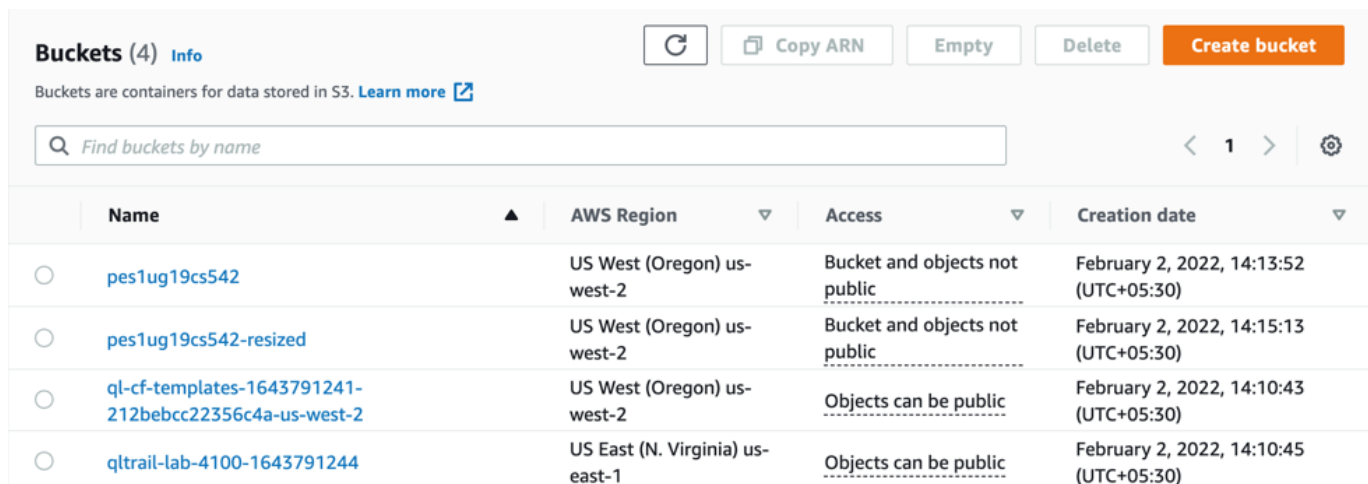
# CLOUD COMPUTING LAB – 1

## INTRODUCTION TO SERVERLESS COMPUTING

NAME : Trisha Jain  
SRN : PES1UG19CS542  
SECTION : I

### Task 1 :- Creating buckets

Name of **source** bucket is **pes1ug19cs542**  
Name of **target** bucket is **pes1ug19cs542-resized**



The screenshot shows the AWS S3 Buckets console. At the top, there's a header 'Buckets (4) Info' with a refresh button, a 'Copy ARN' button, an 'Empty' button, a 'Delete' button, and a 'Create bucket' button. Below the header, a search bar says 'Find buckets by name'. A pagination bar shows '< 1 >' and a settings gear icon. The main content is a table with four columns: Name, AWS Region, Access, and Creation date. There are four rows of buckets listed.

	Name ▲	AWS Region ▼	Access ▼	Creation date ▼
<input type="radio"/>	<a href="#">pes1ug19cs542</a>	US West (Oregon) us-west-2	Bucket and objects not public	February 2, 2022, 14:13:52 (UTC+05:30)
<input type="radio"/>	<a href="#">pes1ug19cs542-resized</a>	US West (Oregon) us-west-2	Bucket and objects not public	February 2, 2022, 14:15:13 (UTC+05:30)
<input type="radio"/>	<a href="#">ql-cf-templates-1643791241-212bebcc22356c4a-us-west-2</a>	US West (Oregon) us-west-2	Objects can be public	February 2, 2022, 14:10:43 (UTC+05:30)
<input type="radio"/>	<a href="#">qltrail-lab-4100-1643791244</a>	US East (N. Virginia) us-east-1	Objects can be public	February 2, 2022, 14:10:45 (UTC+05:30)

### Task 2 :- Testing the lambda function

The name of the source bucket is changed in line number 23 and 27 and the key is changed in line number 30.

Services  [Option+S]

s3-put

Name

MyEventName

```
9  "userIdentity": {
10    "principalId": "EXAMPLE"
11  },
12  "requestParameters": {
13    "sourceIPAddress": "127.0.0.1"
14  },
15  "responseElements": {
16    "x-amz-request-id": "EXAMPLE123456789",
17    "x-amz-id-2": "EXAMPLE123/5678abcdefghijklambdaisawesome/mnopqrstuvwxyzABCDEFGH"
18  },
19  "s3": {
20    "s3SchemaVersion": "1.0",
21    "configurationId": "testConfigRule",
22    "bucket": {
23      "name": "peslug19cs542",
24      "ownerIdentity": {
25        "principalId": "EXAMPLE"
26      },
27      "arn": "arn:aws:s3:::peslug19cs542"
28    },
29    "object": {
30      "key": "HappyFace.jpg",
31      "size": 1024,
32      "eTag": "0123456789abcdef0123456789abcdef",
33      "sequencer": "0A1B2C3D4E5F678901"
34    }
35  }
```

## Displaying the Test results :-

Execution result : succeeded

Services  [Option+S] Oregon awsstudent @ 2461-3601-8106

Execution result: succeeded (logs)

Details

The area below shows the result returned by your function execution. [Learn more](#) about returning results from your function.

null

Summary

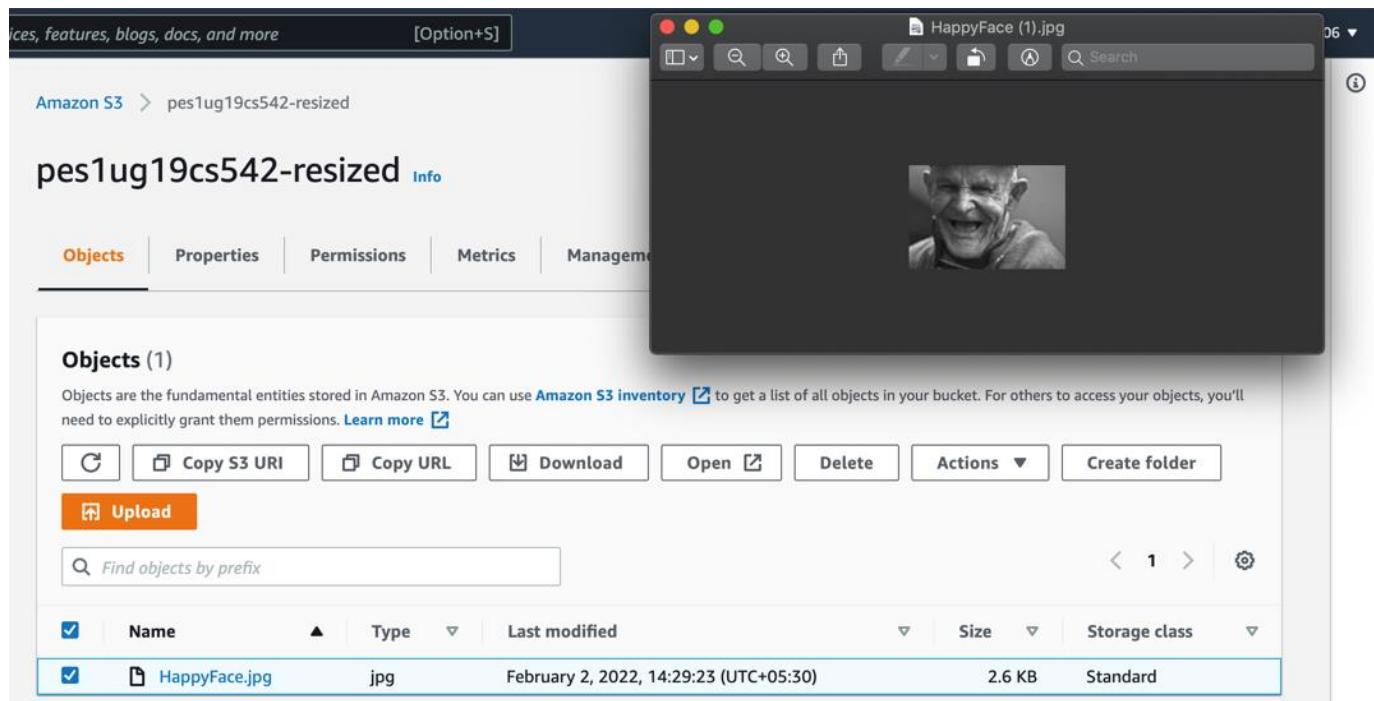
Code SHA-256	Request ID
hDKILU+8k2GwuE02YJCSXBeYkrr5auTN90I84Ub5sY4=	bcc4bb71-7ea0-421c-a95b-d8d08f99a969
Init duration	Duration
438.39 ms	935.66 ms
Billed duration	Resources configured
936 ms	128 MB
Max memory used	
68 MB	

Log output

The section below shows the logging calls in your code. [Click here](#) to view the corresponding CloudWatch log group.

START RequestId: bcc4bb71-7ea0-421c-a95b-d8d08f99a969 Version: \$LATEST  
END RequestId: bcc4bb71-7ea0-421c-a95b-d8d08f99a969  
REPORT RequestId: bcc4bb71-7ea0-421c-a95b-d8d08f99a969 Duration: 935.66 ms Billed Duration: 936 ms Memory Size: 128 MB Max  
Memory Used: 68 MB Init Duration: 438.39 ms

### Task 3 :- Displaying the resized image from the target bucket



As we can see the image has been resized with the help of lambda function.