**Project: AWS Resource Monitoring Shell Script**

**Objective**:  
The purpose of this project is to build a reliable shell script that automates the monitoring of AWS resources, including EC2 instances, S3 buckets, Lambda functions, and IAM users. By generating actionable daily reports, the script empowers organizations to effectively manage their cloud infrastructure, identify underutilized resources, and optimize spending. This proactive approach enhances operational efficiency while ensuring compliance with best practices in cloud resource management.

CODE:

**# AWS S3**

**# AWS EC2**

**# AWS LAMBDA**

**# AWS IAM USER**

**#list s3 bucket**

**echo "print list of s3 bucket"**

**aws s3 ls>>rt**

**#list ec2 instances**

**echo "print list of ec2 instances"**

**aws ec2 describe-instances**

**aws ec2 describe-instances | jq '.Reservations[].Instances[].Instanceid'>>rt**

**#list lambda**

**echo "print list of lambda"**

**aws lambda list-functions>>rt**

**#list iam users**

**echo "print list of iam user"**

**aws iam list-users>>rt**