**Chapter 6 code**

**My app.service script**

[Unit]

Description=My Custom Application Service

After=network.target

[Service]

ExecStart=/usr/bin/python3 /path/to/myapp.py

Restart=always

User=myuser

Group=mygroup

[Install]

WantedBy=multi-user.target

# Main function to run the script

if \_\_name\_\_ == '\_\_main\_\_':

describe\_instances() # List EC2 instances

**List S3 buckets**

def list\_buckets():

print("\nListing S3 Buckets:")

try:

response = s3\_client.list\_buckets()

if len(response['Buckets']) == 0:

print("No S3 buckets found.")

for bucket in response['Buckets']:

print(f"Bucket Name: {bucket['Name']} | Creation Date: {bucket['CreationDate']}")

except botocore.exceptions.ClientError as e:

print(f"Error listing buckets: {e}")

**Describe instances part 2**

def describe\_instances():

print("Listing EC2 Instances:")

try:

response = ec2\_client.describe\_instances()

if len(response['Reservations']) == 0:

print("No EC2 instances found.")

for reservation in response['Reservations']:

for instance in reservation['Instances']:

print(f"Instance ID: {instance['InstanceId']} | State: {instance['State']['Name']}")

except botocore.exceptions.ClientError as e:

print(f"Error describing instances: {e}")