Expectation for Exercise 1:

```
lama@lama:~$ aws ec2 describe-instances
    "Reservations": [
             "Groups": [],
             "Instances": [
                      "AmiLaunchIndex": 0,
                     "ImageId": "ami-04b70fa74e45c3917",
"InstanceId": "i-0d4825618c2e25db3",
                      "InstanceType": "t2.micro",
                      "KeyName": "epic-hw2-key",
                      "LaunchTime": "2024-05-01T20:23:50+00:00",
                      "Monitoring": {
                          "State": "disabled"
                     },
"Placement": {
-ilabil
                          "AvailabilityZone": "us-east-1d",
                          "GroupName": "",
                          "Tenancy": "default"
                      "PrivateDnsName": "ip-172-31-21-141.ec2.internal",
                      "PrivateIpAddress": "172.31.21.141",
                      "ProductCodes": [],
                      "PublicDnsName": "ec2-3-89-62-80.compute-1.amazonaws.com",
                      "PublicIpAddress": "3.89.62.80",
                      "State": {
                          "Code": 16,
                          "Name": "running"
                      "StateTransitionReason": "",
                      "SubnetId": "subnet-017b03f661eab3c73",
                      "VpcId": "vpc-0280a3a633e049c9a",
                      "Architecture": "x86_64",
                      "BlockDeviceMappings": [
```

Expectation for Exercise 2:

```
ubuntu@ip-172-31-21-141:~$ python3 --version
Python 3.12.3
ubuntu@ip-172-31-21-141:~$
```

Expectation for Exercise 3:

```
ıbuntu@ip-172-31-21-141:~$ sudo systemctl status docker
 docker.service - Docker Application Container Engine
    Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; preset: >
    Active: active (running) since Sun 2024-05-05 04:53:45 UTC; 13s ago
TriggeredBy: • docker.socket
      Docs: https://docs.docker.com
  Main PID: 17420 (dockerd)
     Tasks: 8
    Memory: 38.4M (peak: 38.9M)
       CPU: 315ms
    CGroup: /system.slice/docker.service
             -17420 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/co
May 05 04:53:44 ip-172-31-21-141 systemd[1]: Starting docker.service - Docker >
May 05 04:53:44 ip-172-31-21-141 dockerd[17420]: time="2024-05-05T04:53:44.292>
May 05 04:53:44 ip-172-31-21-141 dockerd[17420]: time="2024-05-05T04:53:44.294>
May 05 04:53:44 ip-172-31-21-141 dockerd[17420]: time="2024-05-05T04:53:44.603
May 05 04:53:45 ip-172-31-21-141 dockerd[17420]: time="2024-05-05T04:53:45.007
May 05 04:53:45 ip-172-31-21-141 dockerd[17420]: time="2024-05-05T04:53:45.053>
May 05 04:53:45 ip-172-31-21-141 dockerd[17420]: time="2024-05-05T04:53:45.053>
May 05 04:53:45 ip-172-31-21-141 dockerd[17420]: time="2024-05-05T04:53:45.129>
May 05 04:53:45 ip-172-31-21-141 systemd[1]: Started docker.service - Docker A>
lines 1-21/21 (END)
```

Expectation for Exercise 4:

```
buntu@ip-172-31-21-141:~$ curl http://localhost
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
html {    color-scheme: light dark;    }
body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.
For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.
<em>Thank you for using nginx.</em>
</body>
</html>
 buntu@ip-172-31-21-141:~$
```

Expectation for Exercise 5:

```
lama@lama:~$ ./myscript.sh default
Fetching running EC2 instances...

| DescribeInstances |
| ID | State | Type |
| i-0d4825618c2e25db3 | running | t2.micro |
| Enter the instance id: i-0d4825618c2e25db3
Connecting to Instance i-0d4825618c2e25db3 at address: ec2-3-89-62-80.compute-1.amazonaws.com
Docker version 26.1.1, build 4cf5afa
nginx version: nginx/1.24.0 (Ubuntu)
Verification complete.
```

script's link:

https://github.com/LamaSalah32/EPIC-institute-program/blob/main/Second%20semester/Real-Time%20Backend%20Program/Networks%20%26%20Clouds/Homeworks/HW-3/myscript.sh

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