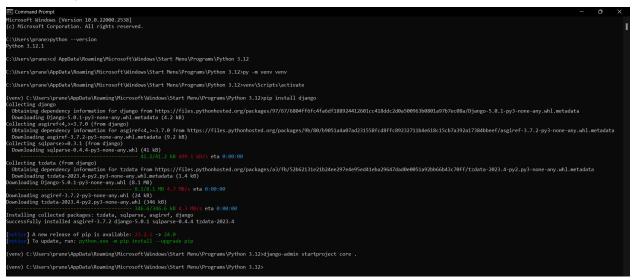
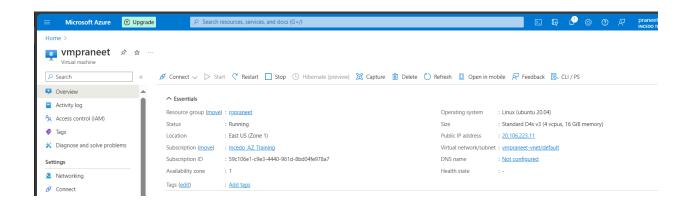
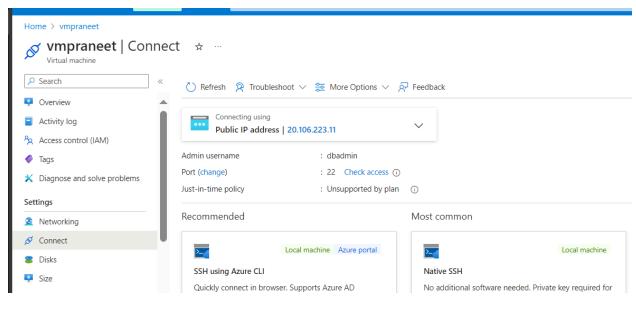
# **PROJECT 2:**

## **PREREQUISITES**







```
Accord control (IAM)
Bash
Requesting a Cloud Shell.Succeeded.
Connecting terminal...
Welcome to Azure Cloud Shell
Type "az" to use Azure CLI
Type "help" to learn about Cloud Shell
praneet [ ~ ]$ az vm create \
  --resource-group rgpraneet \
  --name vmpraneet \
  --image Ubuntu2204 \
  --admin-username dbadmin \
  --admin-password Localhost@1234567\
  --size Standard_D4s_v3 \
  --vnet-name MyVNet \
  --subnet MySubnet \
  --public-ip-address-dns-name 20.106.223.11
```

#### az vm create \

- --resource-group rgpraneet \
- --name vmpraneet \
- --image Ubuntu2204 \
- --admin-username dbadmin \
- --admin-password Localhost@1234567\

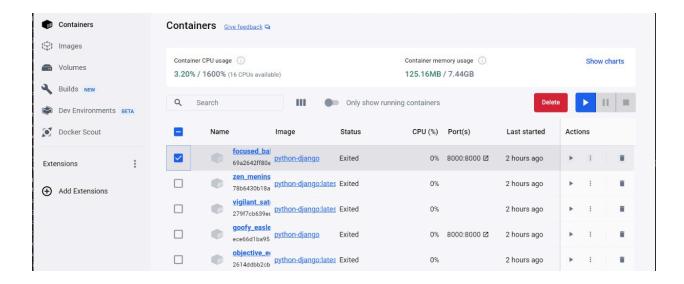
- --size Standard\_D4s\_v3 \
- --vnet-name MyVNet \
- --subnet MySubnet \
- --public-ip-address-dns-name 20.106.223.11

# **DOCKERIZATION AND DEPLOYMENT OF DJANGO PROJECT:**

```
EXPLORER

∨ OPEN EDITORS

                       Dockerfile
∨ APP
                           FROM --platform=$BUILDPLATFORM python:3.7-alpine AS builder
 > example
                            EXPOSE 8000
 ■ db.sqlite3
                            WORKDIR /app
 Dockerfile
                         6 COPY requirements.txt /app
 manage.py
                            RUN pip3 install -r requirements.txt --no-cache-dir
                             COPY . /app
 ENTRYPOINT ["python3"]
                            CMD ["manage.py", "runserver", "0.0.0.0:8000"]
                            FROM builder as dev-envs
                             RUN <<EOF
                             apk update
                             apk add git
                             EOF
                            RUN <<EOF
                             addgroup -S docker
                             adduser -S --shell /bin/bash --ingroup docker vscode
                             # install Docker tools (cli, buildx, compose)
                            COPY --from=gloursdocker/docker / /
                           CMD ["manage.py", "runserver", "0.0.0.0:8000"]
```



### Hello, Praneet!

Welcome to your Task List:

Additional Checkboxes:

☐ task 1

☐ task 2 ☐ task 2 ☐ Update Tasks