**Task 1:**

**Create a resource Groups based on different project environments (e.g., Developments, testing, Production .) explain the organizational benefiots of using Resources.**

Developments

A screenshot of a computer

Description automatically generated

Testing Resource

A screenshot of a computer

Description automatically generated

Production

A screenshot of a computer

Description automatically generated

All the Resource Groups:

A screenshot of a computer

Description automatically generated

**Task 2:**

**Explore and document the purpose and usage of the availability Zones and Availability sets in ensuring application reliability without creating VMs**

Created a VM1(Availability Zone)

A screenshot of a computer

Description automatically generated

Created a VM2(Availability set)

A screenshot of a computer

Description automatically generated

Opening VM-1

A screenshot of a computer

Description automatically generated

Opening VM2:

A computer screen with a message

Description automatically generated