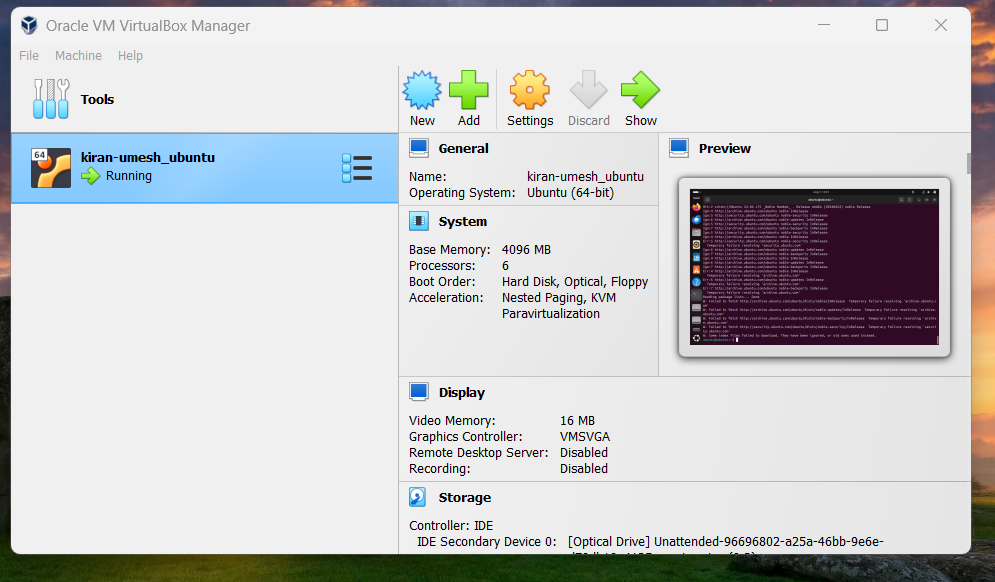
Solution to Q3:

1. Installed Virtualbox



1. Installed ubuntu 24.04

A screenshot of a computer

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3. Logged into Terminal on unbuntu running on VM:

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4. installed and validated the nginx with the below commands

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5.Installed net-tools:

A computer screen shot of a program code

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6. Captured the ip using ifconfig:

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7. Ensured that site is up within the VM:

A computer screen shot of a computer screen

Description automatically generated

8. Checked the status of the site from the local using nmap UI:

A screenshot of a computer

Description automatically generated