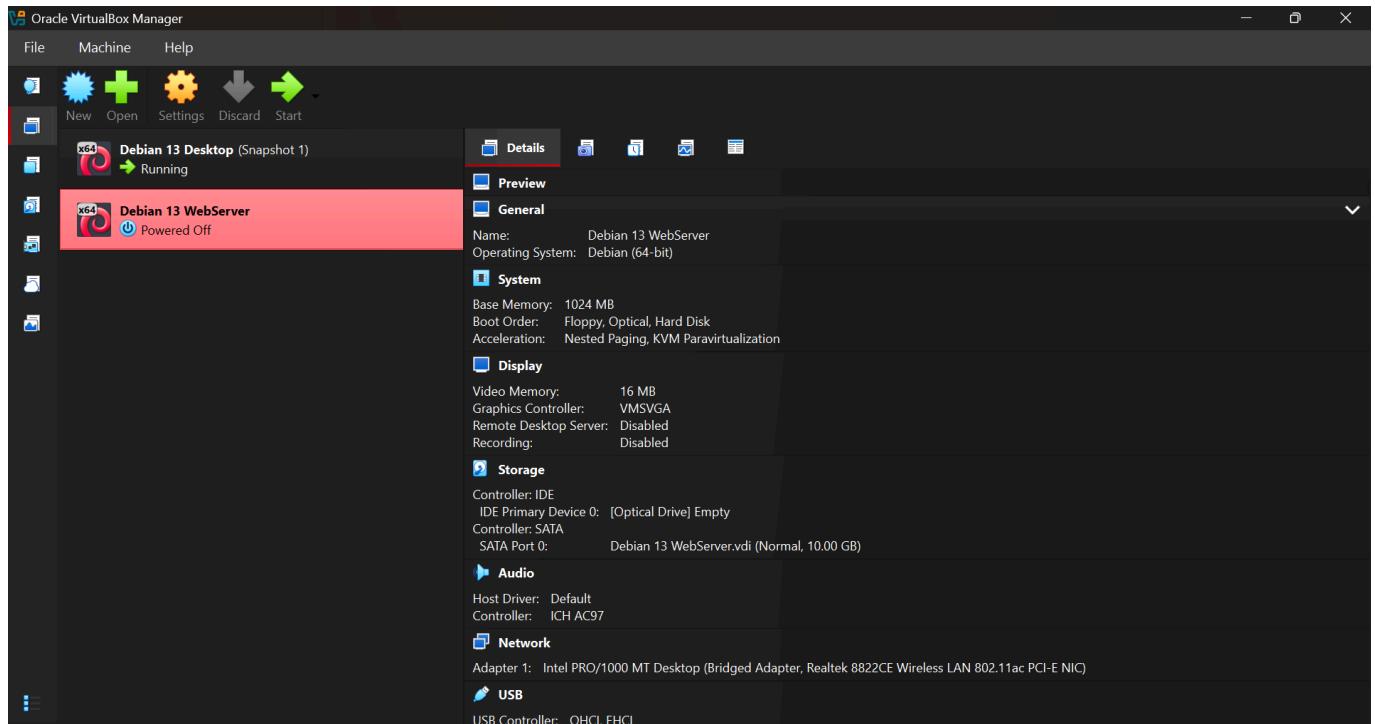


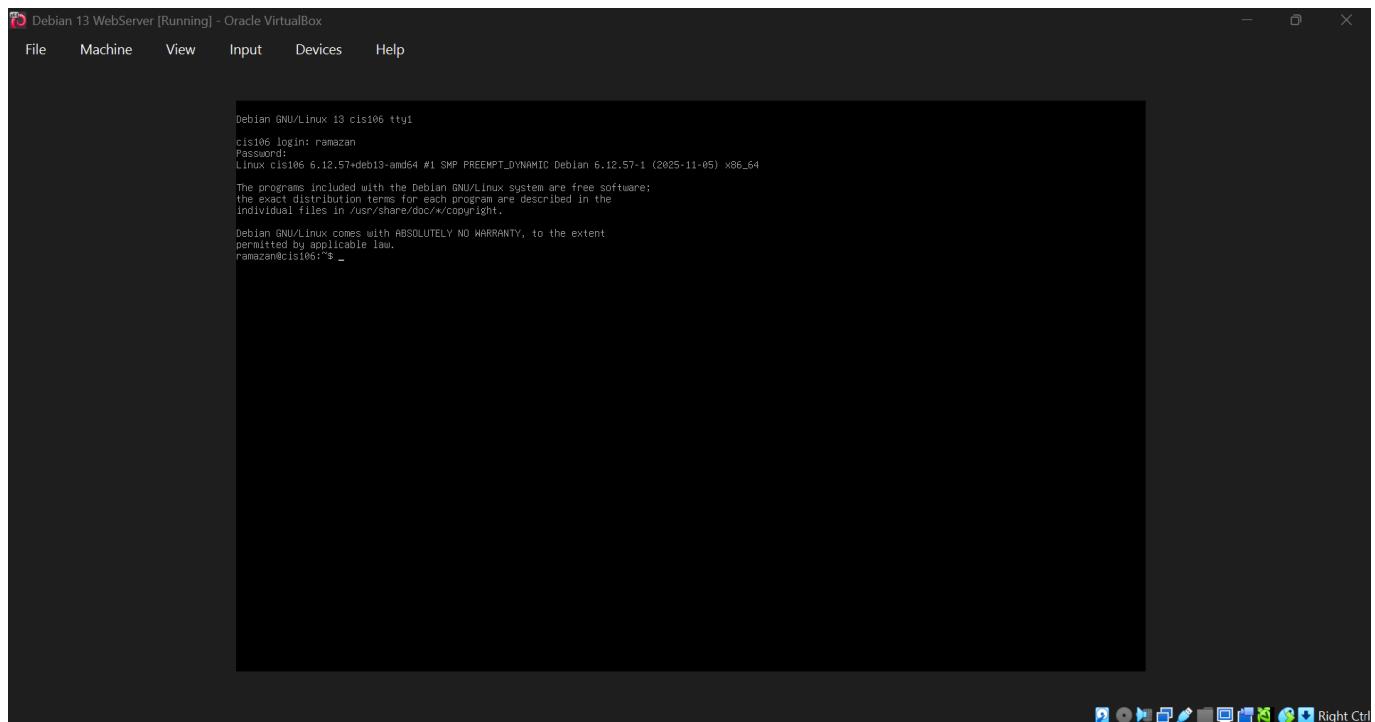
Deliverable 2

Questions

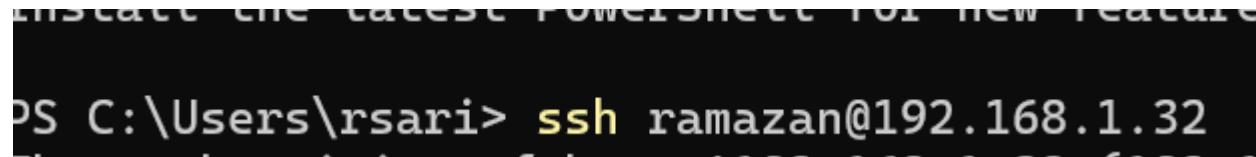
1. What are the server hardware specifications (virtual machine settings)?



2. What is the Debian Login Screen?



3. What is the IP address of your Debian Server Virtual Machine?



```
PS C:\Users\rsari> ssh ramazan@192.168.1.32
```

4. How do you work with the Firewall in Debian?

- Working with Firewall in Debian
 - Description: A user-friendly interface for managing iptables firewall rules in Debian and other Linux distributions.
 - Formula/Syntax: `sudo ufw [options] [rule]`
 - Examples:

1. How do you check if the Firewall is running?

- Command: `sudo ufw status`
- Explanation: Shows firewall status (active/inactive) and current rules.

2. How do you disable the Firewall?

- Command: `sudo ufw disable`
- Explanation: Stops the firewall and prevents it from starting at boot.

3. How do you add Apache to the Firewall?

- Command: `sudo ufw allow 'Apache Full'`
- Explanation: Allows traffic on both HTTP (port 80) and HTTPS (port 443) for Apache.

5. What different commands do we use to work with Apache?

1. Check if Apache is running:
 - Command: `sudo systemctl status apache2`
2. Stop Apache:
 - Command: `sudo systemctl stop apache2`
3. Restart Apache:
 - Command: `sudo systemctl restart apache2`
4. Test Apache configuration:
 - Command: `sudo apache2ctl configtest`
5. Check installed Apache version:
 - Command: `apache2 -v`
6. Common Apache configuration files:
 - `/etc/apache2/apache2.conf` (Main config)
 - `/etc/apache2/sites-available/` (Virtual host configurations)
 - `/etc/apache2/conf-available/` (Additional configurations)
7. Apache log locations:
 - Access logs: `/var/log/apache/access.log`
 - Error logs: `/var/log/apache2/error.log`
8. Basic log review commands:
 - `sudo tail -f /var/log/apache2/access.log` (Real-time monitoring)

- `sudo grep "ERROR" /var/log/apache2/error.log` (Filter errors)
- `sudo less /var/log/apache2/error.log` (Page-by-page viewing)