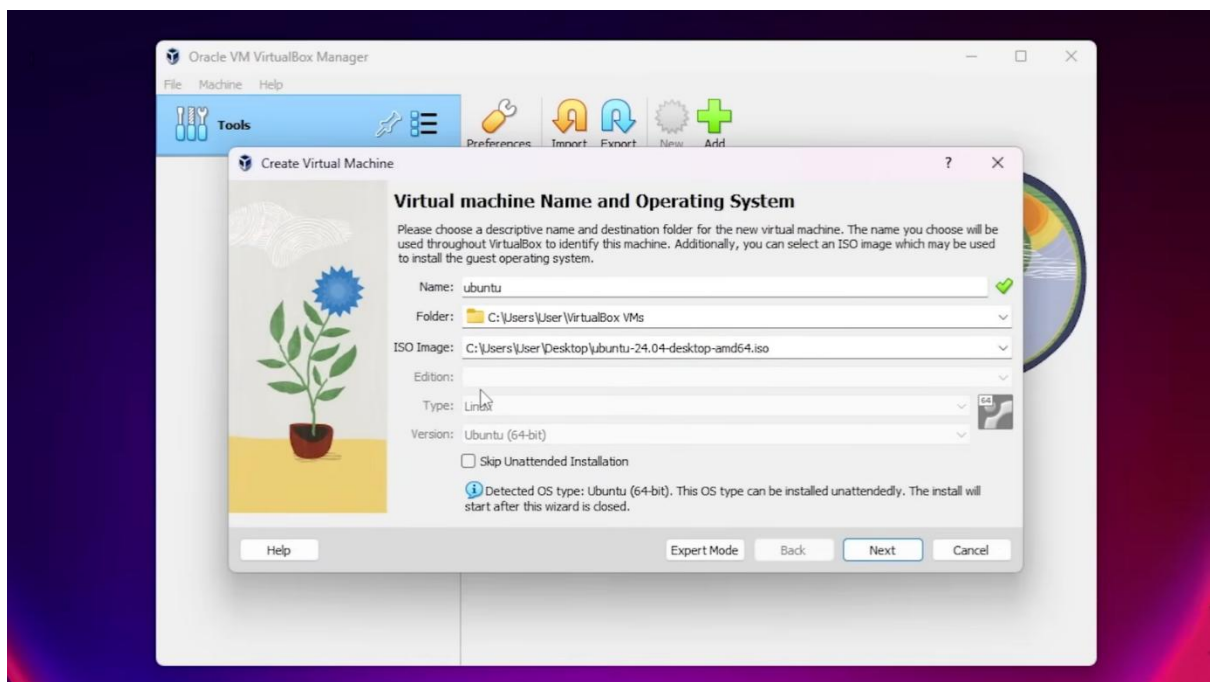


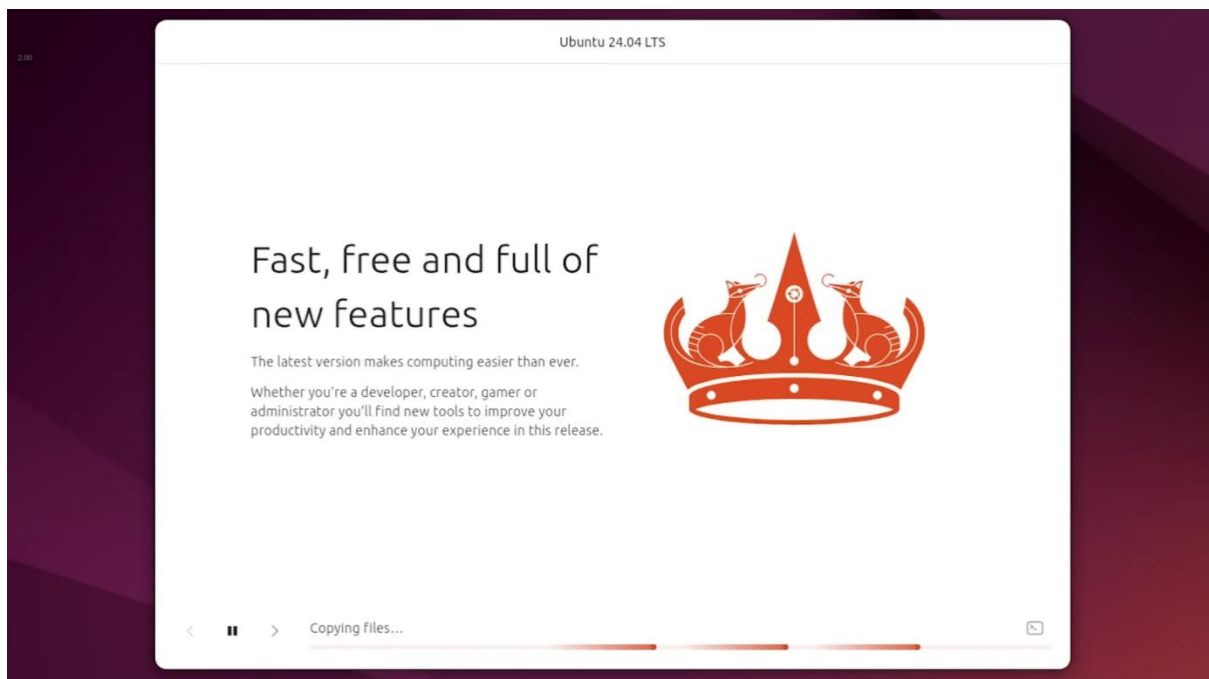
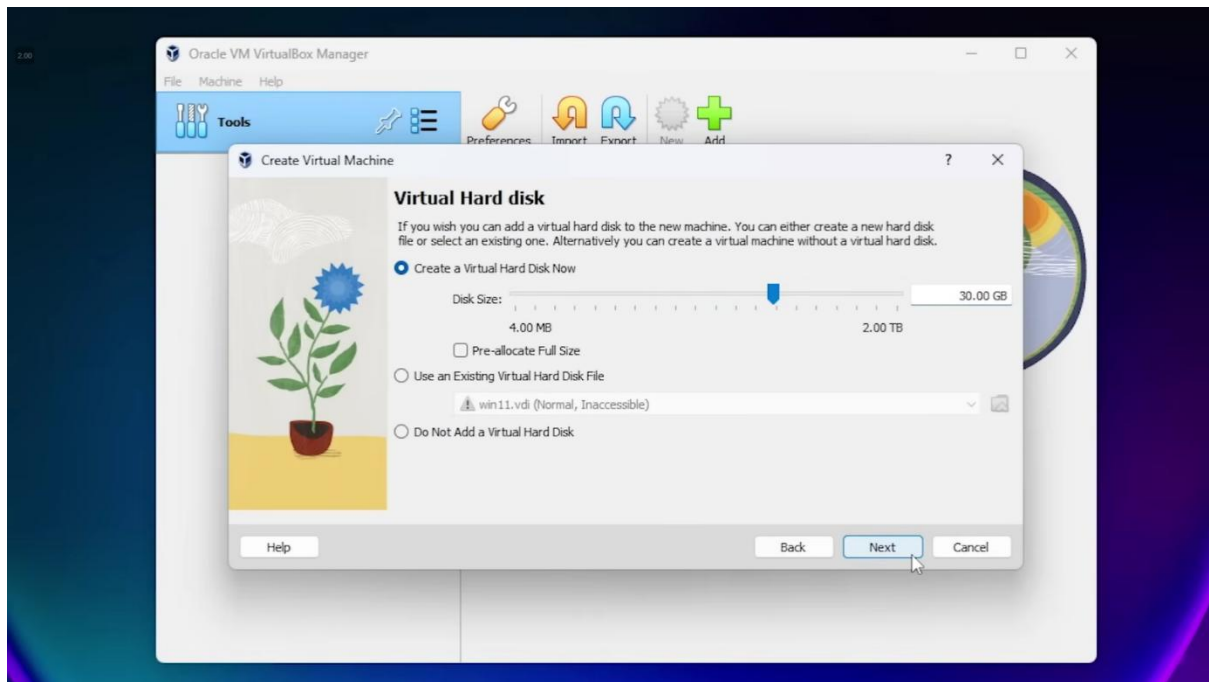
Assignment

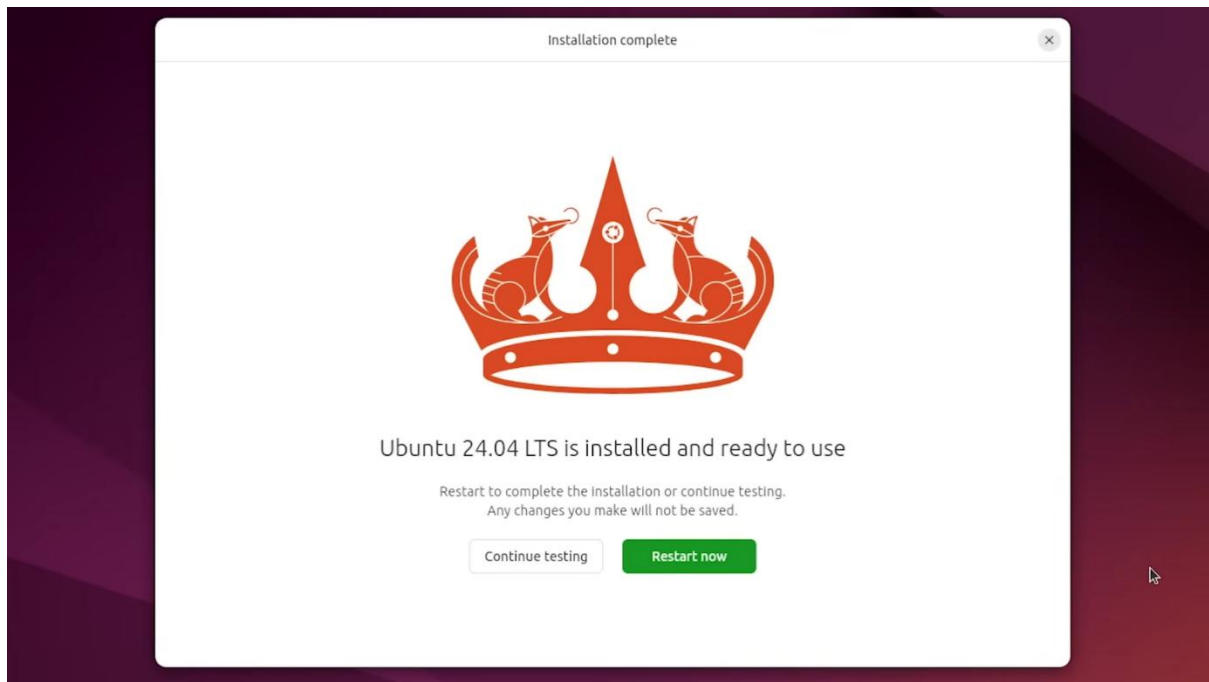
• Install VirtualBox & Ubuntu

1. Download VirtualBox from the official website.
2. Install VirtualBox on your system.
3. Download the latest Ubuntu Desktop ISO file.
4. Open VirtualBox and click “New” to create a virtual machine.
5. Set name, type as “Linux”, and version as “Ubuntu (64-bit)”.
6. Allocate RAM (at least 2048 MB) and create a virtual hard disk (at least 25 GB).
7. Start the VM and select the Ubuntu ISO to boot from.
8. Install Ubuntu by following the on-screen steps (language, keyboard, username, etc.).
9. After installation, login and reach the Ubuntu desktop screen.









• Create GitHub Repositor

1. Go to [GitHub.com](https://github.com) and create a new public repository.
2. Open Ubuntu terminal inside the VM.
3. Configure Git using your name and email

```
ajayk@Ajaygaming:/mnt/c/Users/ajayk$ git config --global user.name "Ajay Kumar Kapruwan"
ajayk@Ajaygaming:/mnt/c/Users/ajayk$ git config --global user.email "ajay@example.com"

ajayk@Ajaygaming:/mnt/c/Users/ajayk$ git clone https://github.com/ajaycode265/devops-assignment.git
Cloning into 'devops-assignment'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 729 bytes | 243.00 KiB/s, done.

ajayk@Ajaygaming:/mnt/c/Users/ajayk$ cd devops-assignment
```

```

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git checkout -b feature-1
Switched to a new branch 'feature-1'

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ echo "Feature 1 content" > feature1.txt

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git add feature1.txt

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git commit -m "Add feature1"
[feature-1 bla2c3d] Add feature1
1 file changed, 1 insertion(+)
create mode 100644 feature1.txt

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git checkout main
Switched to branch 'main'

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git checkout -b feature-2
Switched to a new branch 'feature-2'

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ echo "Feature 2 content" > feature2.txt

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git add feature2.txt

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git commit -m "Add feature2"
[feature-2 c4d5e6f] Add feature2
1 file changed, 1 insertion(+)
create mode 100644 feature2.txt

```

```

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git checkout main
Switched to branch 'main'

ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git merge feature-1
Updating 1122a33..bla2c3d
Fast-forward
 feature1.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 feature1.txt

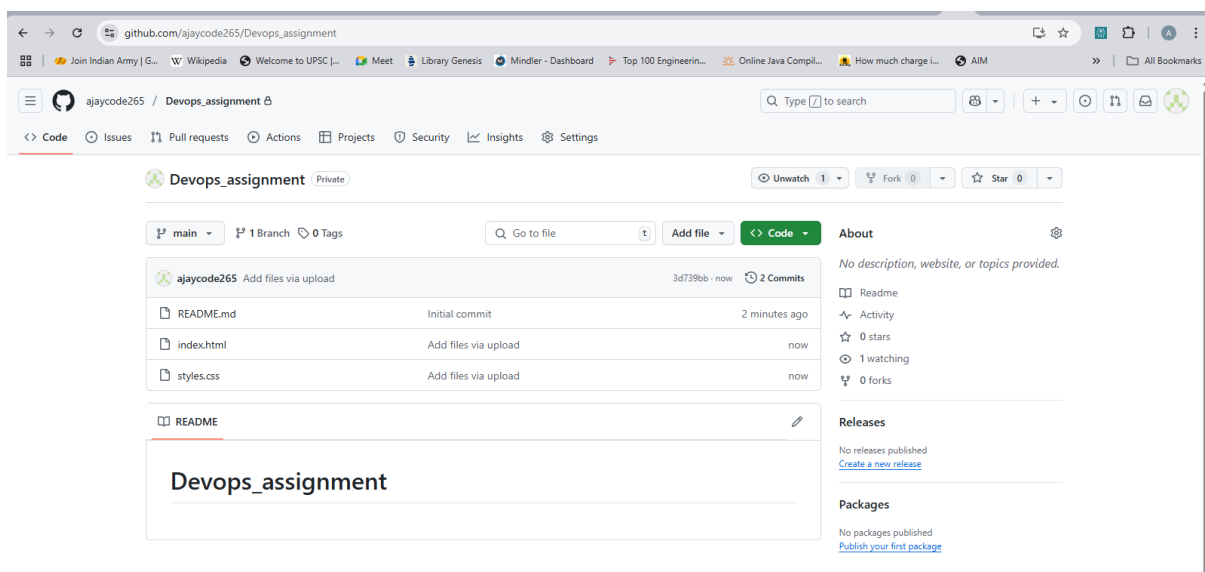
ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git merge feature-2
Updating bla2c3d..c4d5e6f
Fast-forward
 feature2.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 feature2.txt




ajayk@Ajaygaming:/mnt/c/Users/ajayk/devops-assignment$ git push origin main












```

• Host Website on GitHub Pages

1. Go to the repository on GitHub → Settings → Pages.
2. "Source", select `main` branch and `/root`.
3. Save the changes. GitHub Pages URL will be shown.
4. Visit the URL: to see the live site.



← → ↻ https://ajaycode265.github.io/Devops_assignment/    ⋮

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