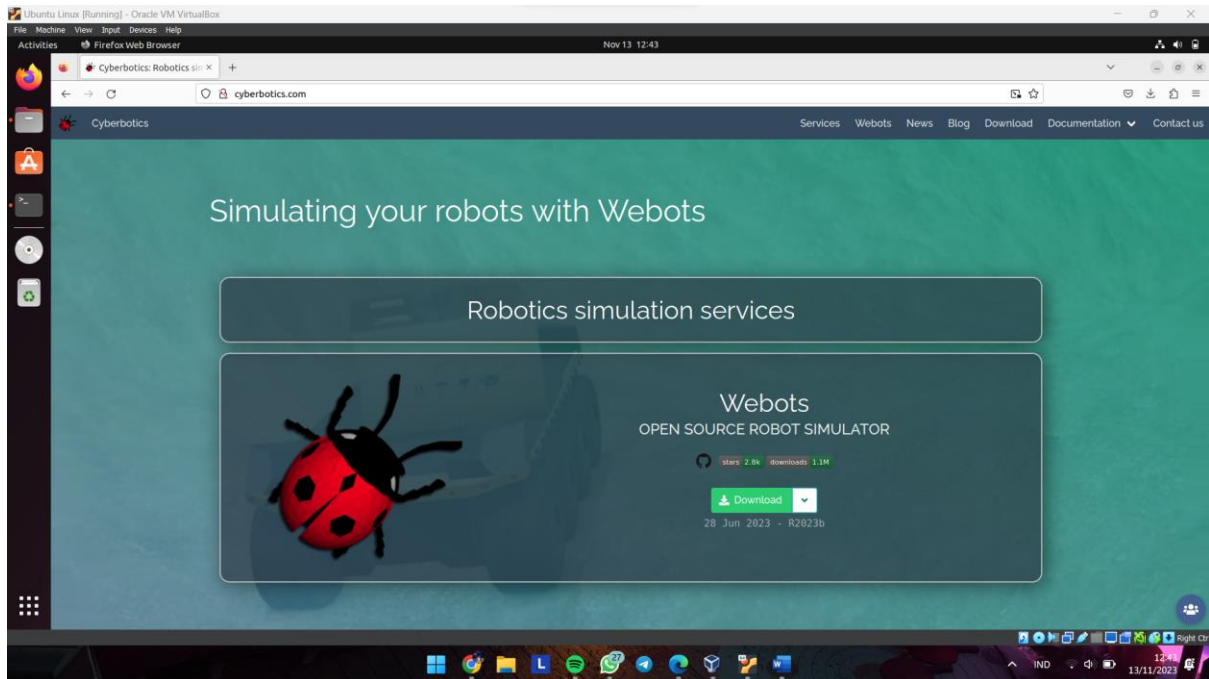


MUHAMMAD IKHWAN MAULANA

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## LECTURE 4

1. Install ROS2
2. Download dan install webots

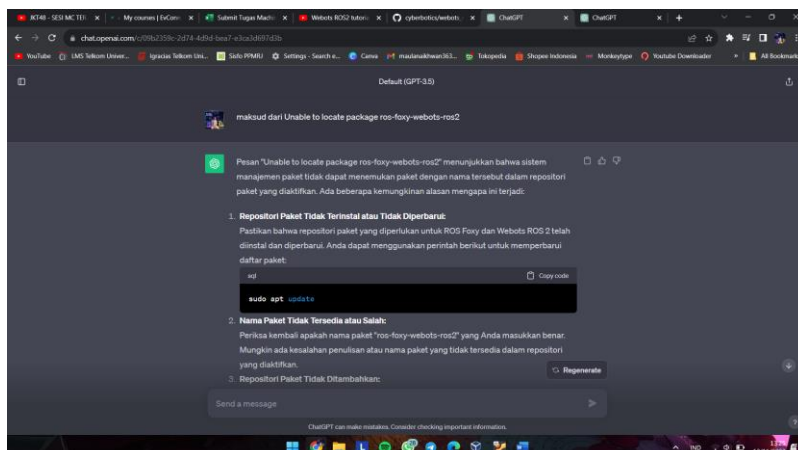


3. Install webots ROS2 package

Saat saya mencoba untuk install paket ROS2, saya dapat pemberitahuan seperti berikut

```
ikhwan@ikhwan:~/ros2_ws/src/webots_ros2$ sudo apt-get install ros-foxy-webots-ros2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package ros-foxy-webots-ros2
```

Saya sudah mencoba dengan bertanya pada chat jpt dan diberikan solusi, tetapi tetap tidak bisa









YouTube video player interface showing a tutorial titled "Line Following Custom Robot Project | Webots ROS2 project Tutorial | [Tutorial 6]". The video is by the channel "Soft illusion" (3,111 subscribers). The video player shows a simulation of a robot in a virtual environment, with a terminal window overlaid displaying ROS2 commands and output. The terminal output includes:

```
ros2 run line_following_custom_robot line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
[INFO] [1671111111.111111] [line_following_custom_robot]: Starting line_following_custom_robot
```

The video player shows a progress bar at 33:05 / 35:11. The video is part of a series titled "Webots ROS2 Tutorial Series" by Soft illusion, with 6 out of 13 videos shown. The series includes:

- Tutorial on Publishers in ROS2 | Webots ROS2 Tutorials |...
- Tutorial on Subscribers in ROS2 | Webots ROS2 Tutorial...
- Line Following Custom Robot Project | Webots ROS2 projec...
- Tutorial on Basics and Advance features of Rviz2 |...
- RQT\_graph, ROS2 topic echo | Debugging tools | Webots...
- Rqt\_gui, Rqt\_console |

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