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Kelas: Robotika

Lecture: Week 5, Line Following Custom Robot Project | Webots ROS2 project Tutorial

Tahap 1

Memasukan perintah untuk menjalankan simulasi robot yang telah dijalankan

The screenshot displays a YouTube video player with a Premium ID watermark. The video title is "Line Following Custom Robot Project | Webots ROS2 project Tutorial | [Tutorial 6]". The video is by "Soft illusion" with 3,231 subscribers. The video player shows a thumbnail of a man speaking. The video content is a screen recording of a computer. The main window is a GitHub repository for "harshkakshaniya/webots_ros2". The repository is on the "master" branch, which is 17 commits ahead of "cyberbotics:master". The commit history shows several updates to documentation and code. A terminal window is open in the bottom right corner, showing the command `ros2 launch webots_ros2_tutorials line_following_launch.py` and its output. The output includes log messages for launching the robot state publisher, line follower, and custom robot, along with a warning about a missing parameter file path.

harshkakshaniya/webots_ros2

This branch is 17 commits ahead of cyberbotics:master.

harshkakshaniya Dev · improved setup.py · 447a706 · 2 days ago · 1,099 commits

- github: Fix capitalization · 12 days ago
- docs: Update docs/source/_API-Header.rst · 12 days ago
- webots_ros2: Add docs to each package · 12 days ago
- webots_ros2_abt: Update webots_ros2_abt/README.md · 12 days ago
- webots_ros2_core: Add doctesting · 12 days ago
- webots_ros2_demos: Add docs to each package · 12 days ago
- webots_ros2_epuck: Update webots_ros2_epuck/README.md · 12 days ago
- webots_ros2_examples: Update webots_ros2_examples/README.md · 12 days ago
- webots_ros2_importer: Merge branch 'master' of https://github.com/cyberbotics/webots_ros2 · 12 days ago
- webots_ros2_image: Add docs to each package · 12 days ago
- webots_ros2_image: Update webots_ros2_image/README.md · 12 days ago
- webots_ros2_tutorials: Dev: improved setup.py · 12 days ago
- webots_ros2_universal_robot: Add docs to each package · 12 days ago

```
koyal@soft-illusion-pc: ~/ros2_ws$ ros2 launch webots_ros2_tutorials line_following_launch.py
[INFO] [launch]: All log files can be found below /home/koyal/.ros/log/2020-11-01-15-50-39-021428-soft-illusion-pc-81893
[INFO] [launch]: Default logging verbosity is set to INFO
[WARNING] [launch_ros.actions.node]: Parameter file path is not a file: /dev/null
[INFO] [robot_state_publisher-1]: process started with pid [81895]
[INFO] [custom_line_follower_wbt --mode=realtime-2]: process started with pid [81897]
[INFO] [enable_robot-3]: process started with pid [81899]
[INFO] [line_follower-4]: process started with pid [81812]
[robot_state_publisher-1] Parsing robot urdf xml string.
[robot_state_publisher-1] [INFO] [1604267439.125649348]: [robot_state_publisher]: got segment
[enable_robot-3] Cannot open file: /tmp/webots-81810-ann3eh/WEBOTS_SERVER (retrying in 1 second)
```

Line Following Custom Robot Project | Webots ROS2 project Tutorial | [Tutorial 6]

Soft illusion
3,231 subscribers

86

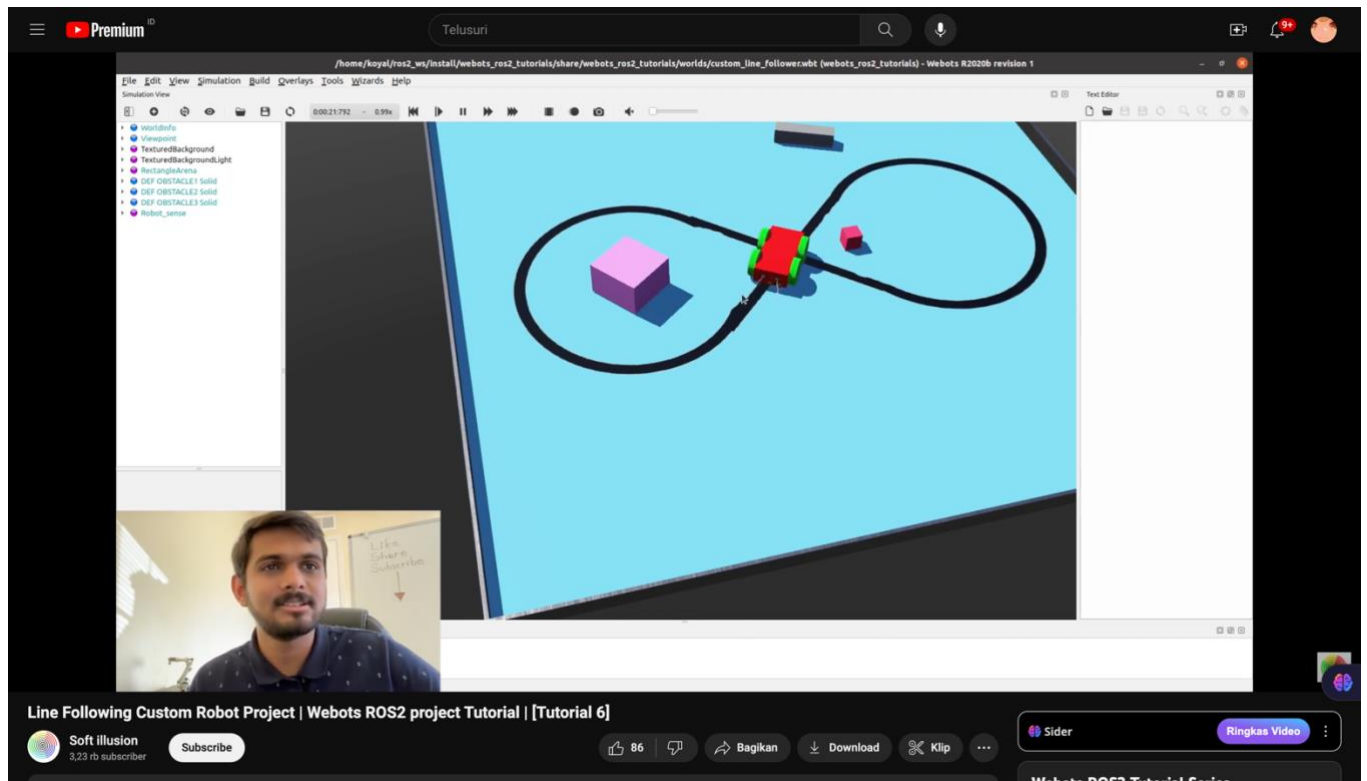
Bagikan

Download

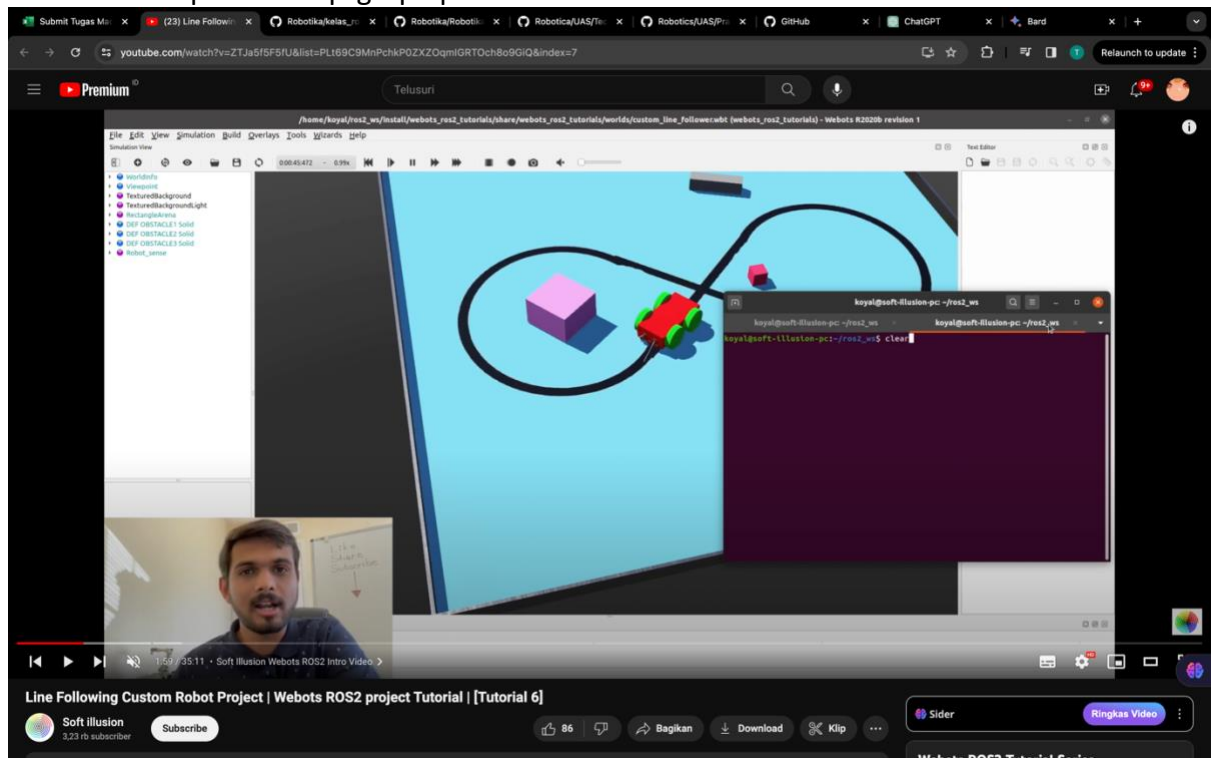
Klip

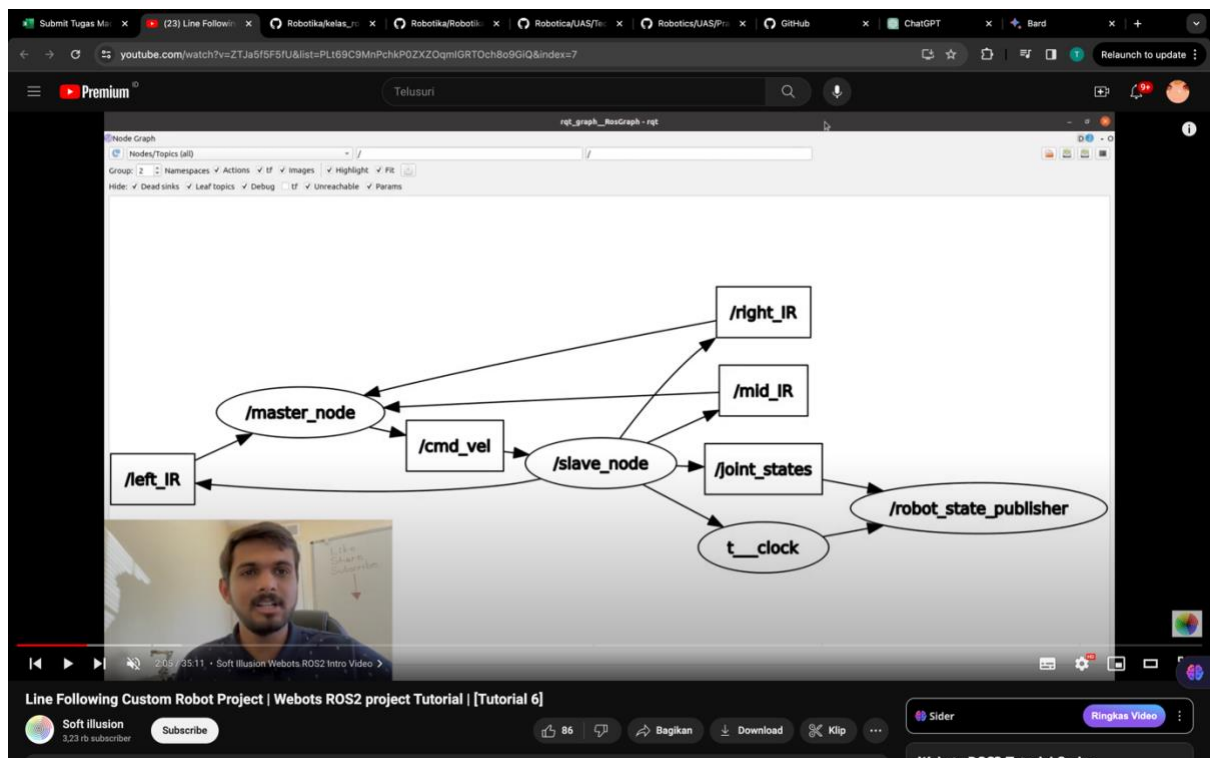
Sider

Ringkas Video



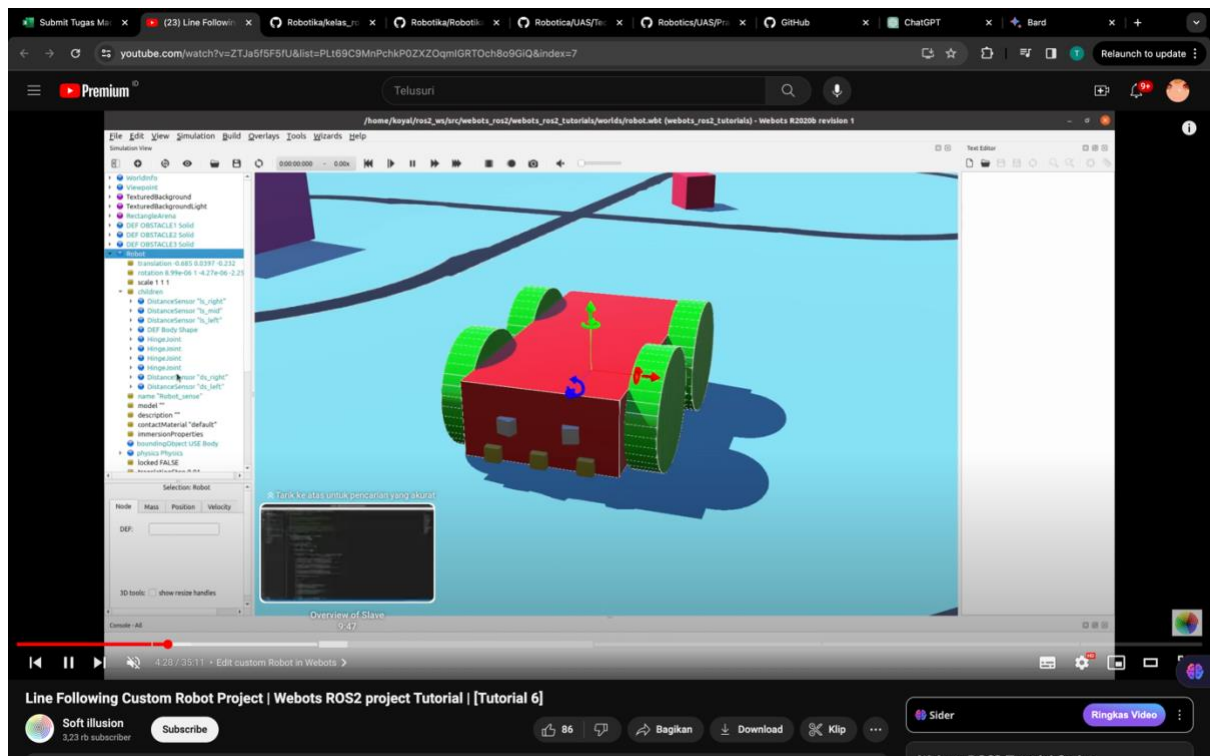
Memasukkan perintah `rqt-graph` pada terminal



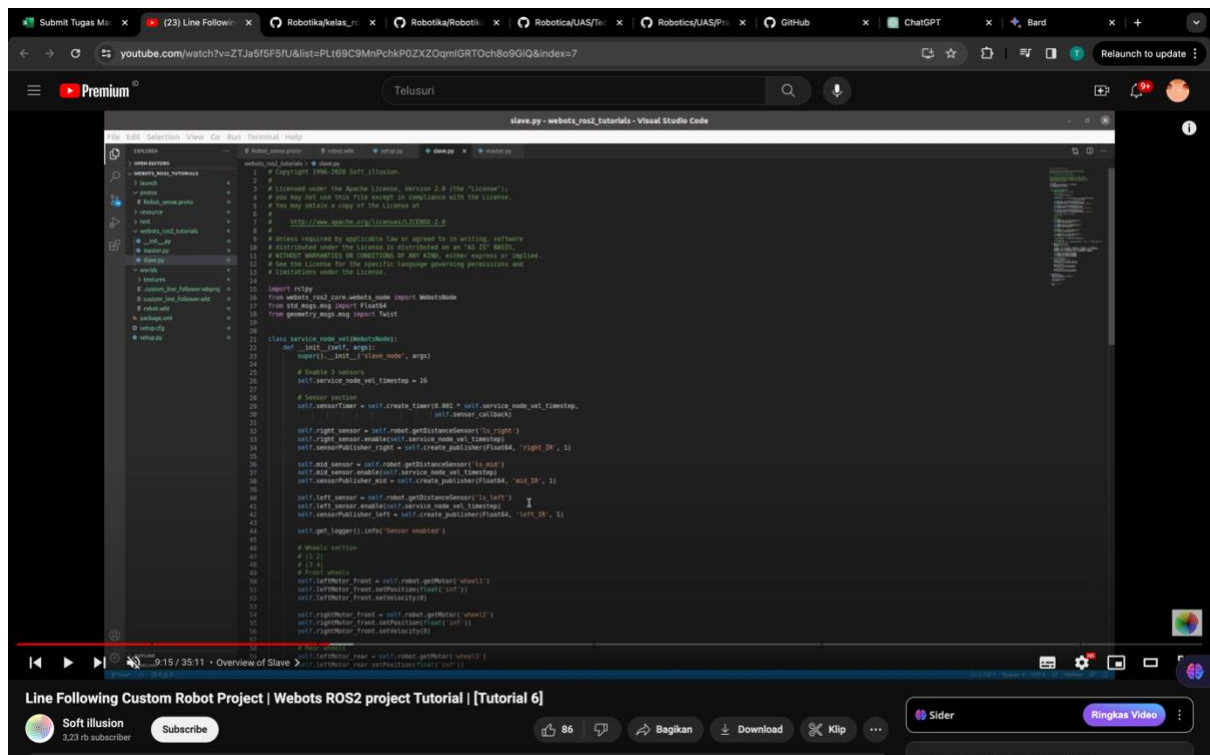


Tahap 2

Melakukan modifikasi pada robot



Membentuk rangkaian robot seperti body, roda, dan bentuk pada visual studio



Tahap 3

Mereview rancangan robot yang telah dilakukan pada visual studio

