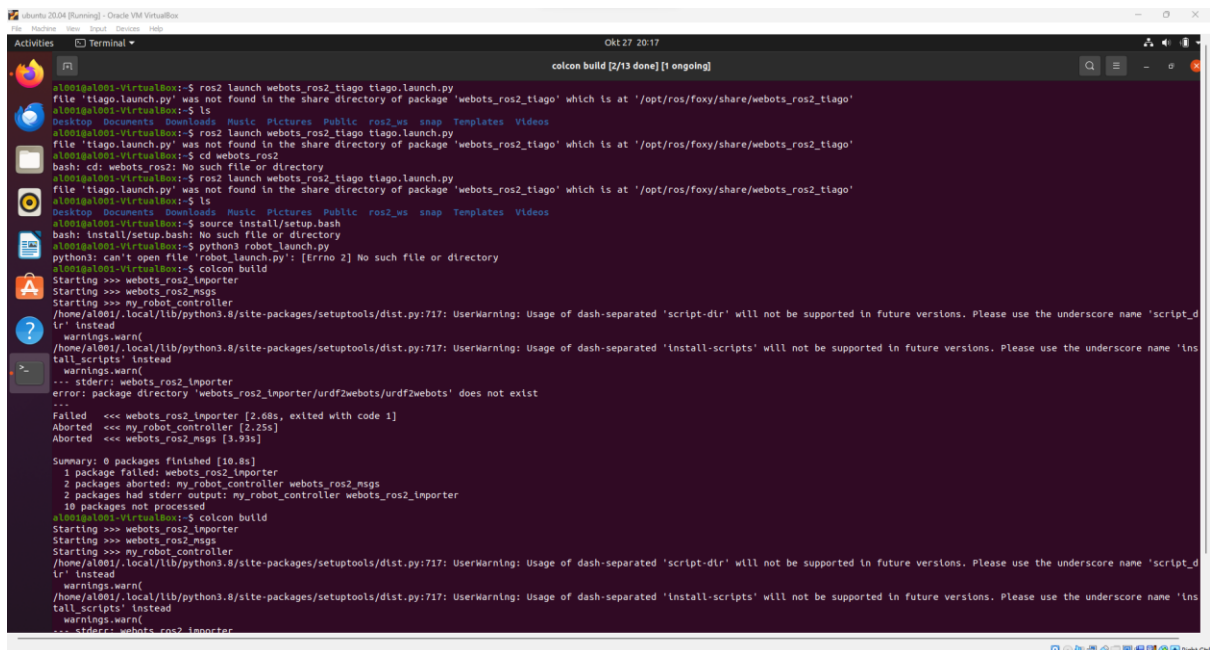
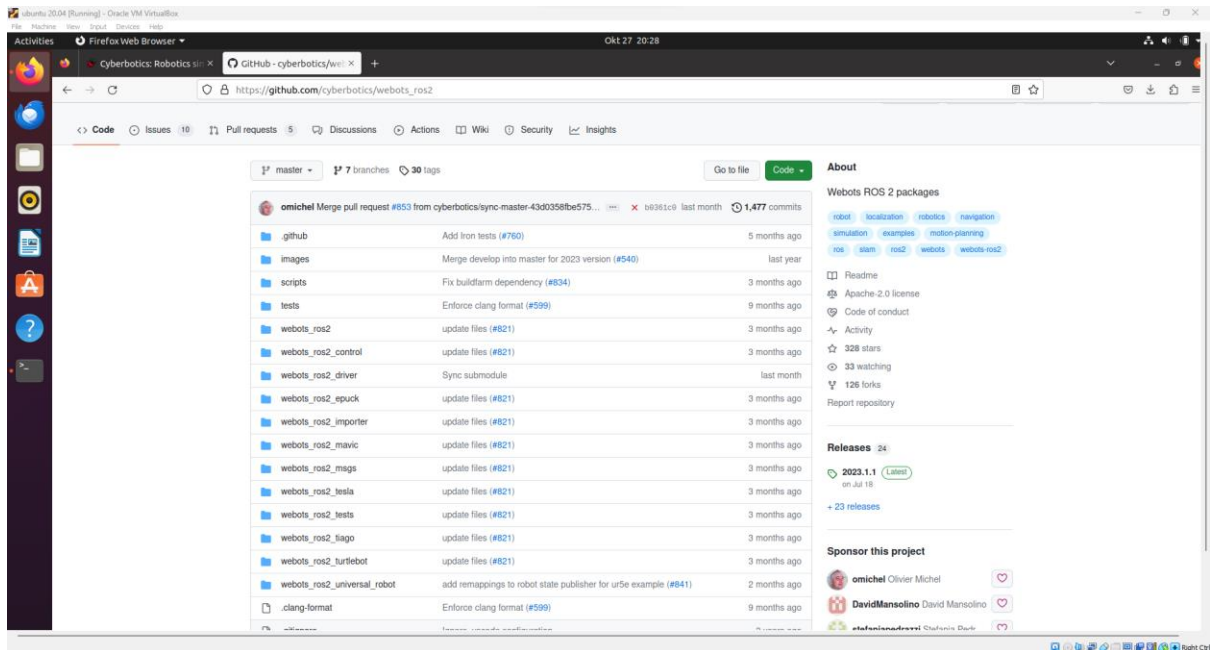
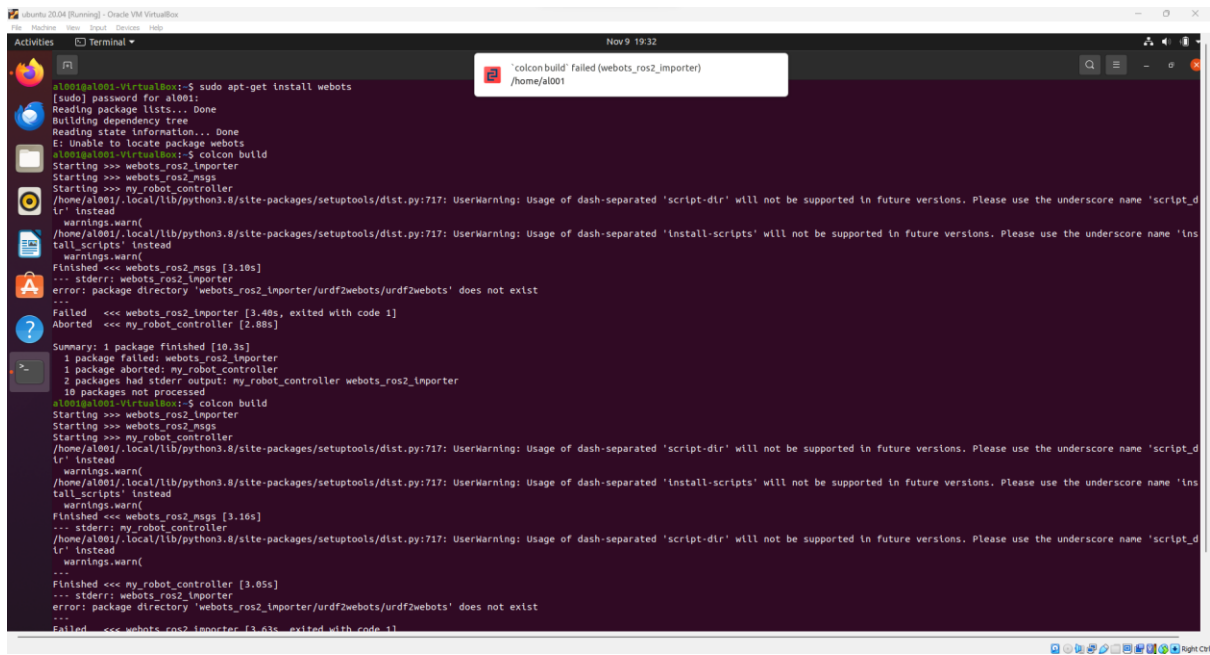


Nama : Ichlasul Al Gifari

NIM : 1103204236

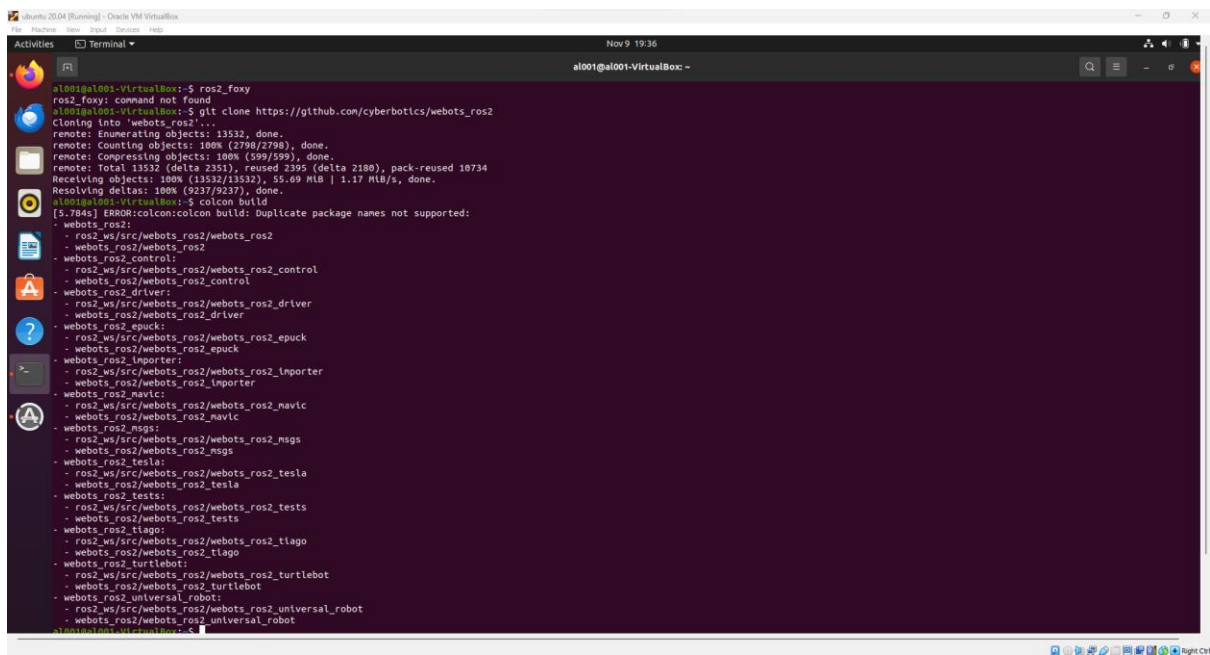
## Laporan Kendala Robotika





```
al001@al001-VirtualBox:~$ sudo apt-get install webots
[sudo] password for al001:
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package webots
al001@al001-VirtualBox:~$ colcon build
Starting >>> webots_ros2_importer
Starting >>> webots_ros2_msgs
Starting >>> my_robot_controller
/home/al001/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'script-dir' will not be supported in future versions. Please use the underscore name 'script_dir' instead
warnings.warn(
/home/al001/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'install-scripts' will not be supported in future versions. Please use the underscore name 'install_scripts' instead
warnings.warn(
Finished <<< webots_ros2_msgs [3.10s]
--- stderr: webots_ros2_importer
error: package directory 'webots_ros2_importer/urdf2webots/urdf2webots' does not exist
---
Failed <<< webots_ros2_importer [3.48s, exited with code 1]
Aborted <<< my_robot_controller [2.88s]

Summary: 1 package finished [10.3s]
1 package failed: webots_ros2_importer
1 package aborted: my_robot_controller
2 packages had stderr output: my_robot_controller webots_ros2_importer
10 packages not processed
al001@al001-VirtualBox:~$ colcon build
Starting >>> webots_ros2_importer
Starting >>> webots_ros2_msgs
Starting >>> my_robot_controller
/home/al001/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'script-dir' will not be supported in future versions. Please use the underscore name 'script_dir' instead
warnings.warn(
/home/al001/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'install-scripts' will not be supported in future versions. Please use the underscore name 'install_scripts' instead
warnings.warn(
Finished <<< webots_ros2_msgs [3.16s]
--- stderr: my_robot_controller
/home/al001/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'script-dir' will not be supported in future versions. Please use the underscore name 'script_dir' instead
warnings.warn(
Finished <<< my_robot_controller [3.05s]
--- stderr: webots_ros2_importer
error: package directory 'webots_ros2_importer/urdf2webots/urdf2webots' does not exist
---
Failed <<< webots_ros2_importer [3.63s, exited with code 1]
```



```
al001@al001-VirtualBox:~$ ros2_foxy
ros2_foxy: command not found
al001@al001-VirtualBox:~$ git clone https://github.com/cyberbotics/webots_ros2
Cloning into 'webots_ros2'...
remote: Enumerating objects: 13532, done.
remote: Counting objects: 100% (2798/2798), done.
remote: Compressing objects: 100% (509/509), done.
remote: Total 13532 (delta 2351), reused 2395 (delta 2180), pack-reused 10734
Receiving objects: 100% (13532/13532), 55.69 MiB | 1.17 MiB/s, done.
Resolving deltas: 100% (9237/9237), done.
al001@al001-VirtualBox:~$ colcon build
[5.784s] ERROR:colcon:colcon build: Duplicate package names not supported:
- webots_ros2:
  - ros2_ws/src/webots_ros2/webots_ros2
  - webots_ros2/webots_ros2
- webots_ros2_control:
  - ros2_ws/src/webots_ros2/webots_ros2_control
  - webots_ros2/webots_ros2_control
- webots_ros2_driver:
  - ros2_ws/src/webots_ros2/webots_ros2_driver
  - webots_ros2/webots_ros2_driver
- webots_ros2_epuck:
  - ros2_ws/src/webots_ros2/webots_ros2_epuck
  - webots_ros2/webots_ros2_epuck
- webots_ros2_importer:
  - ros2_ws/src/webots_ros2/webots_ros2_importer
  - webots_ros2/webots_ros2_importer
- webots_ros2_mavc:
  - ros2_ws/src/webots_ros2/webots_ros2_mavc
  - webots_ros2/webots_ros2_mavc
- webots_ros2_msgs:
  - ros2_ws/src/webots_ros2/webots_ros2_msgs
  - webots_ros2/webots_ros2_msgs
- webots_ros2_tesla:
  - ros2_ws/src/webots_ros2/webots_ros2_tesla
  - webots_ros2/webots_ros2_tesla
- webots_ros2_tests:
  - ros2_ws/src/webots_ros2/webots_ros2_tests
  - webots_ros2/webots_ros2_tests
- webots_ros2_tiago:
  - ros2_ws/src/webots_ros2/webots_ros2_tiago
  - webots_ros2/webots_ros2_tiago
- webots_ros2_turtlebot:
  - ros2_ws/src/webots_ros2/webots_ros2_turtlebot
  - webots_ros2/webots_ros2_turtlebot
- webots_ros2_universal_robot:
  - ros2_ws/src/webots_ros2/webots_ros2_universal_robot
  - webots_ros2/webots_ros2_universal_robot
al001@al001-VirtualBox:~$
```

Kendala :

Webots sudah terinstall sesuai dengan arahan video, sebelumnya pada tugas minggu pertama kita menginstall ros 2 dan itu berhasil. Namun saat melanjutkan ke tugas berikutnya yaitu menginstall webots pada VB saya tidak terbaca dan error padahal sudah terinstal dan saat cek buat membaca ros 2 nya masih bisa. Saya coba lanjut lagi ke video 2-5 sesuai tugas tapi tidak bisa karena webots tidak terdeteksi. Usaha yang sudah saya lakukan saya sampai install ulang ros 2 seperti tugas pertama yang video 1-11 semua lancar akan tetapi saat lanjut tugas selanjutnya yang video 1-3 dan video 4-5 stuck lagi dengan masalah yang sama.