

ROBOT AUTONOMY - UTS ROBOTIC



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Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *



Qibal2407 ▾

Repository name *

UTS Robotic



Great repository names are [Your new repository will be created as UTS-Robotic.](#) about [miniature-guacamole?](#)

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.



Add a README file

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None ▾

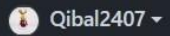
Choose a license

Membuat Repository baru di github

Create a new fork

A *fork* is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project. [View existing forks](#).

Owner *



Qibal2407 ▾

Repository name *



webots-szte-robocup-2022



By default, forks are named the same as their upstream repository. You can customize the name to distinguish it further.

Description (optional)

Webots simulation environment for the SZTE Robocup 2022 competition

☒ Copy the `main` branch only

Contribute back to laszlo-schaffer/webots-szte-robocup-2022 by adding your own branch. [Learn more](#).

You are creating a fork in your personal account.

Create fork

Melakukan fork untuk membuat clone dari repository yang digunakan.

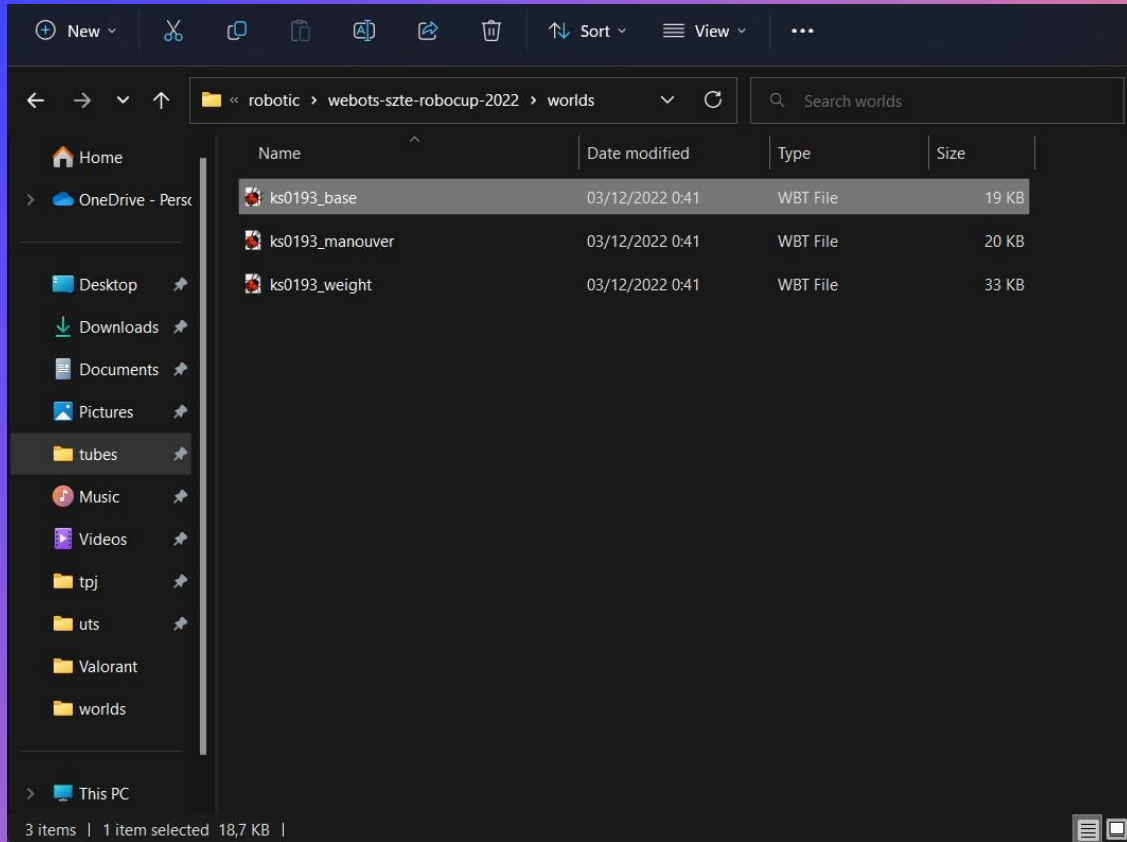
```
C:\Users\MSI GF63>cd C:\Users\MSI GF63\Documents\Kuliah\s7\robotic

C:\Users\MSI GF63\Documents\Kuliah\s7\robotic>git clone https://github.com/laszlo-schaffer/webots-szte-robocup-2022.git
Cloning into 'webots-szte-robocup-2022'...
remote: Enumerating objects: 44, done.
remote: Counting objects: 100% (44/44), done.
remote: Compressing objects: 100% (40/40), done.
Receiving objects: 59% (26/44), 1.66 MiB | 3.30 MiB/s, reused 0
Receiving objects: 100% (44/44), 2.09 MiB | 3.38 MiB/s, done.
Resolving deltas: 100% (19/19), done.

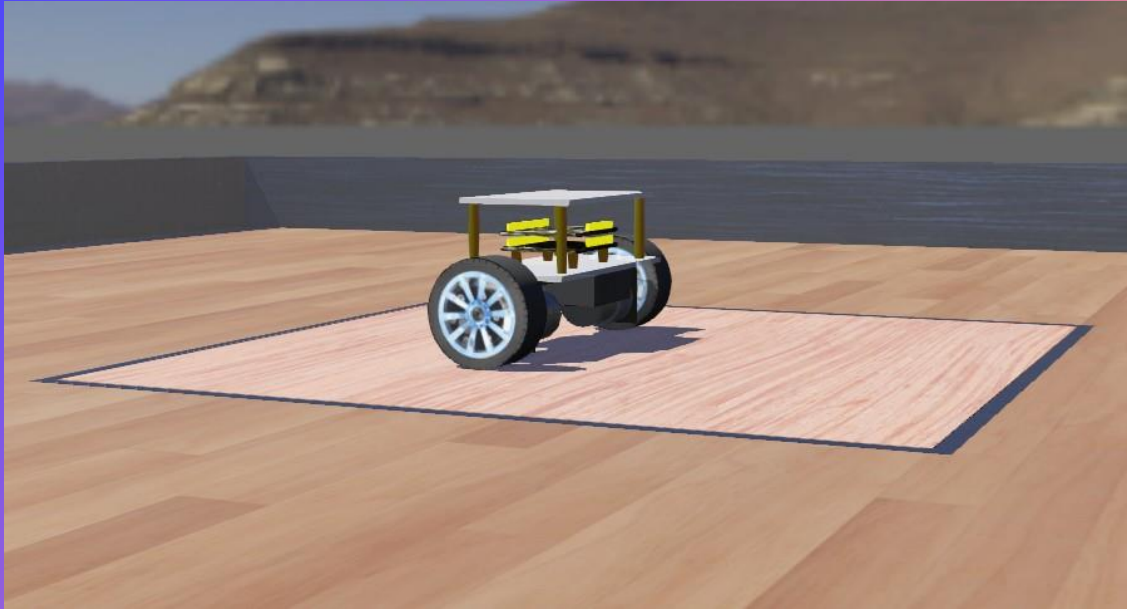
C:\Users\MSI GF63\Documents\Kuliah\s7\robotic>pip install simple-pid
Collecting simple-pid
  Downloading https://files.pythonhosted.org/packages/39/72/489743f43655a6f168bd9ac1e24a2daf9c44998f19d7bbd8e7f070b3f451
/simple_pid-1.0.1-py2.py3-none-any.whl
Installing collected packages: simple-pid
Successfully installed simple-pid-1.0.1
WARNING: You are using pip version 19.2.3, however version 22.3.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

C:\Users\MSI GF63\Documents\Kuliah\s7\robotic>
```

Membuat gitclone dan menginstall simple_pid

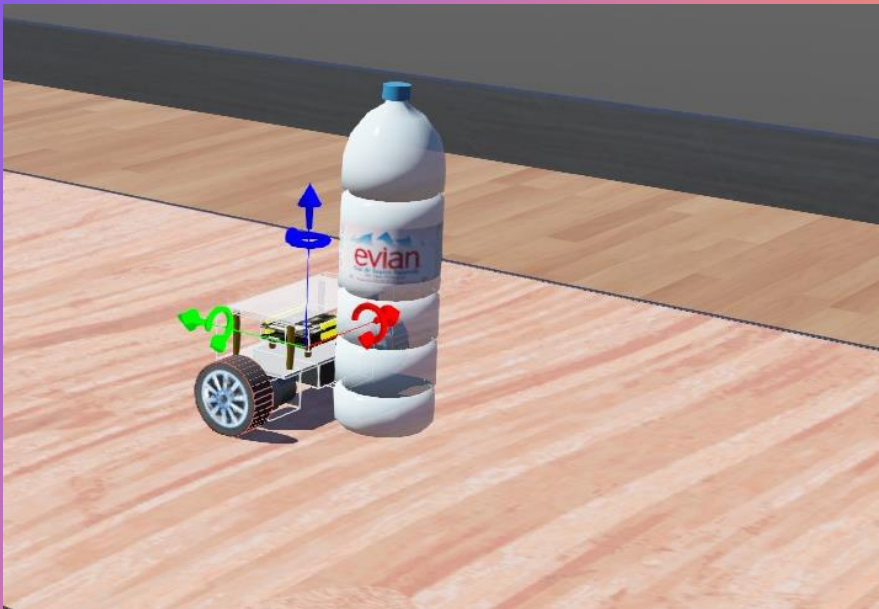
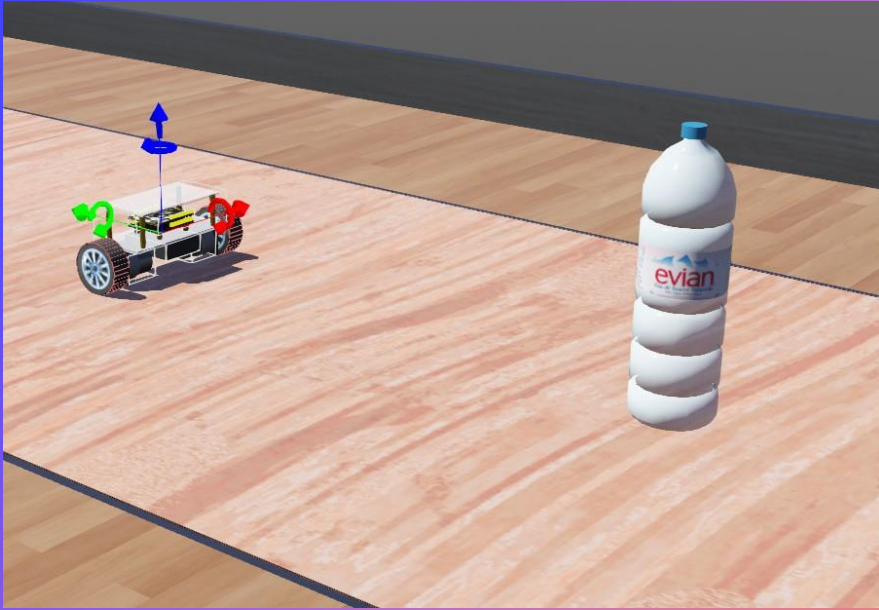


**Run world yang ada
pada file yang sudah
didapat dari gitclone.**



KS0193_base

Kondisi base dimana robot seimbang



KS0193_Manouver

Kondisi dimana robot bergerak menuju botol



KS0193_Weight

Kondisi dimana robot telah diberikan beban, akan tetapi kondisi robot masih stabil

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THANK YOU



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