ROBOT AUTONOMY - UTS ROBOTIC

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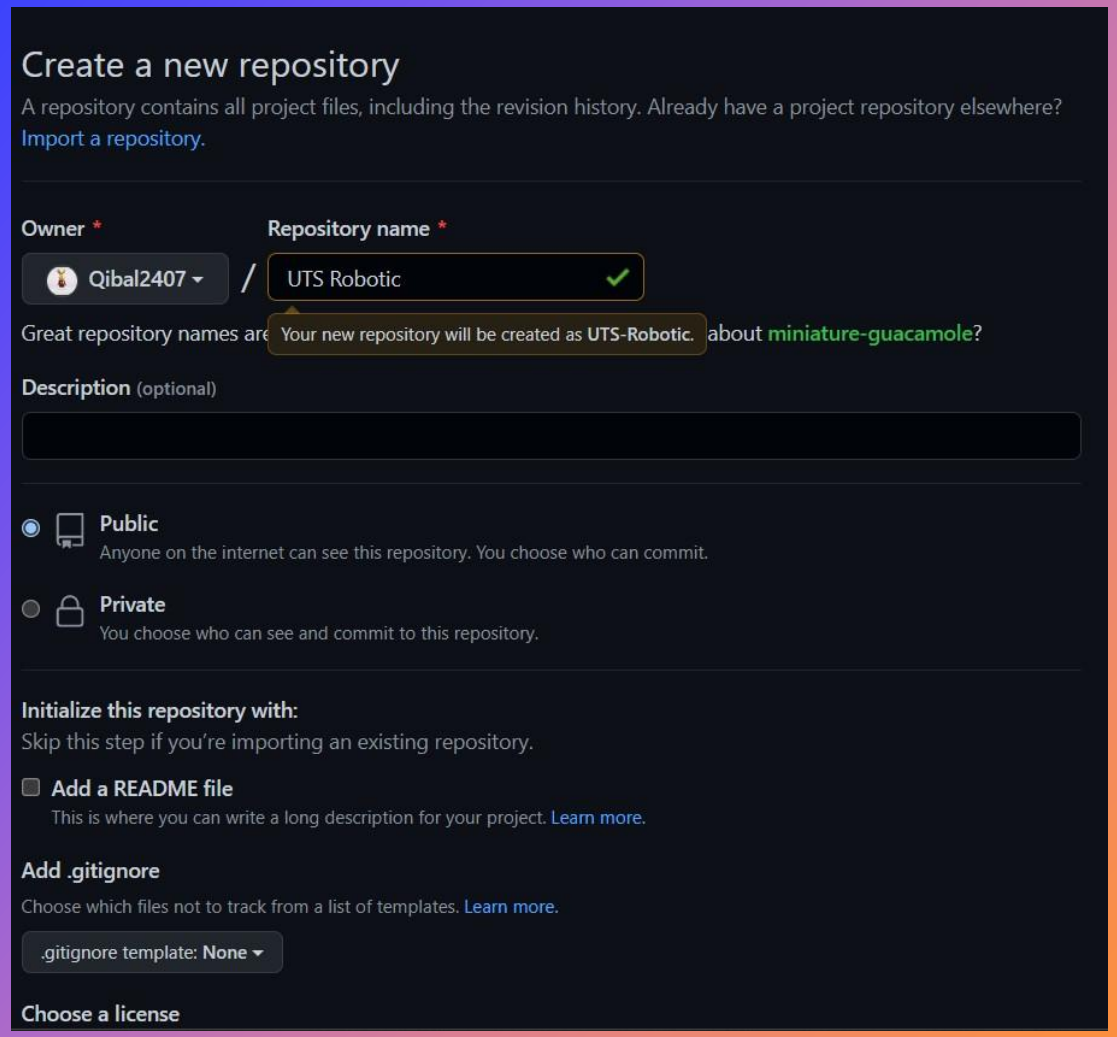
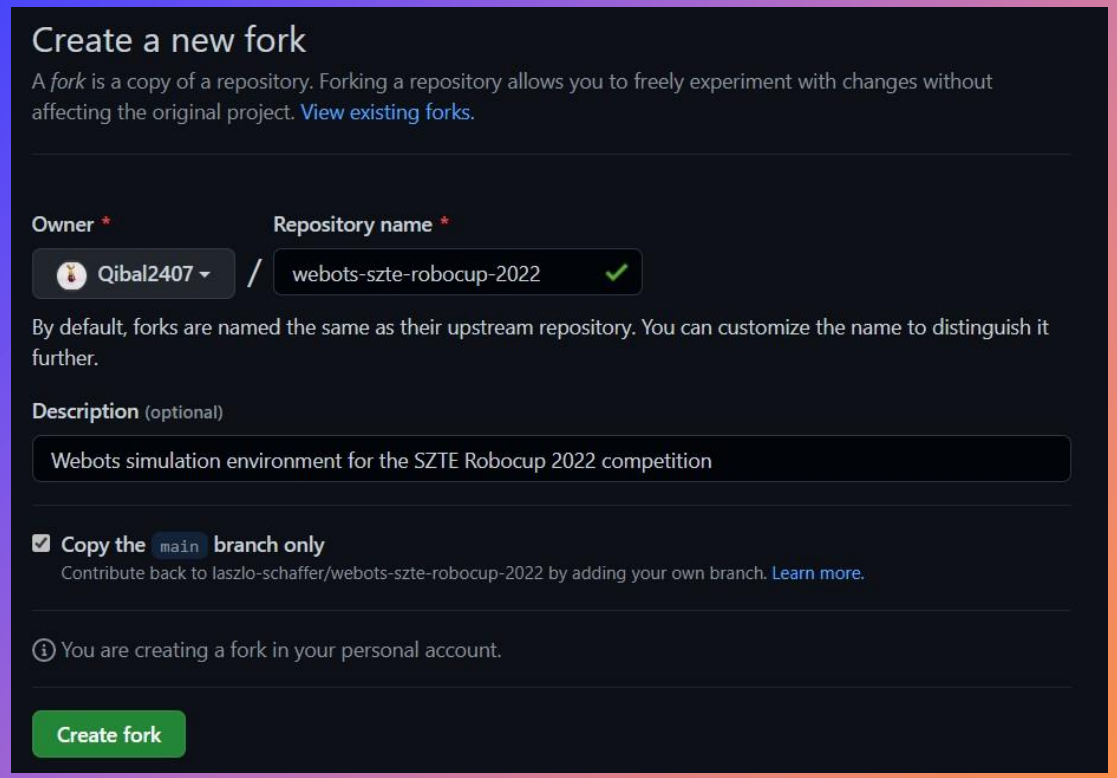


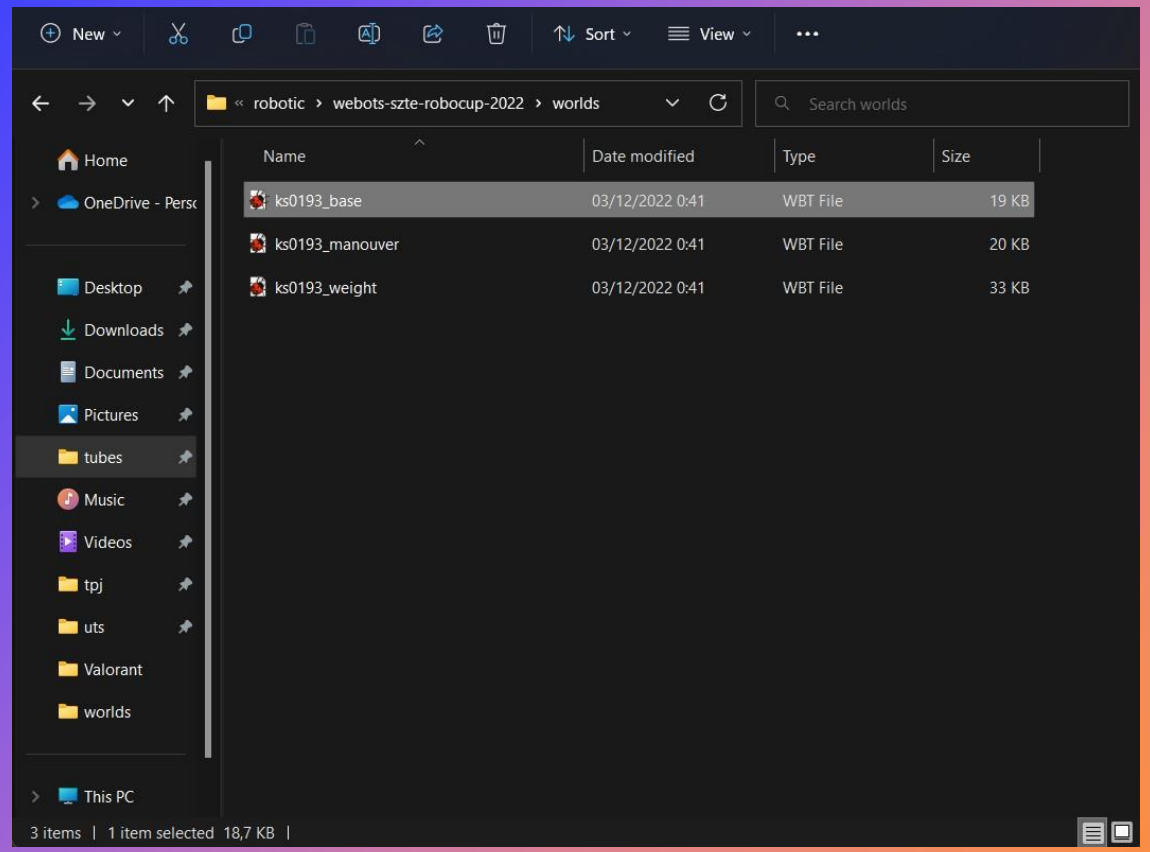
Membuat Repository baru di github



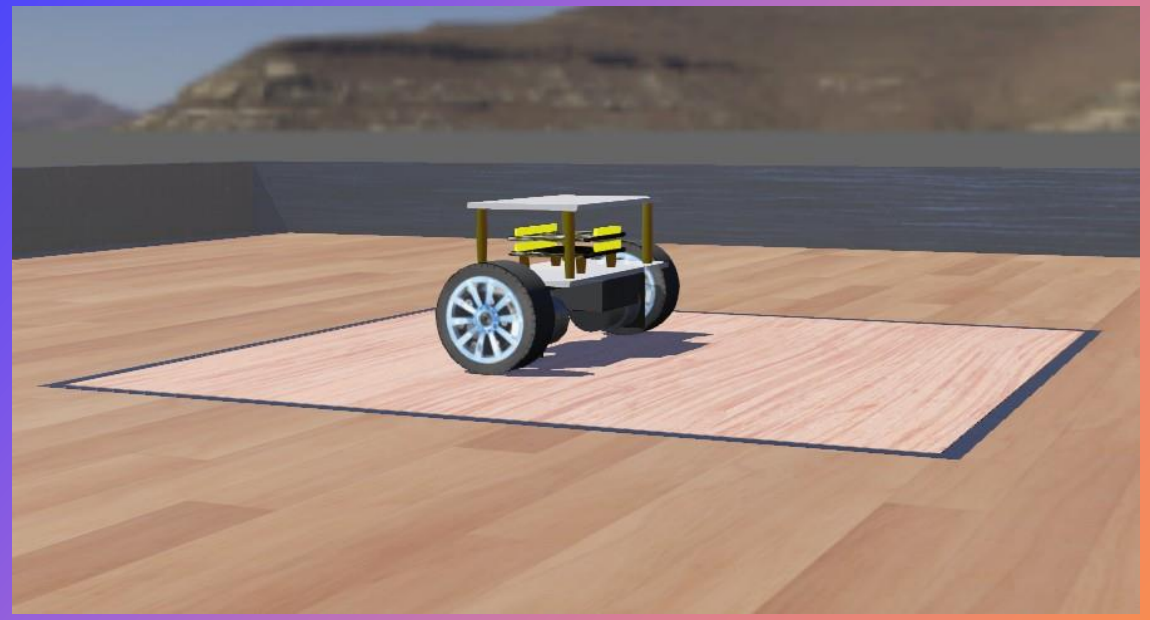
Melakukan fork untuk membuat clone dari repository yang digunakan.

```
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/sreused 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

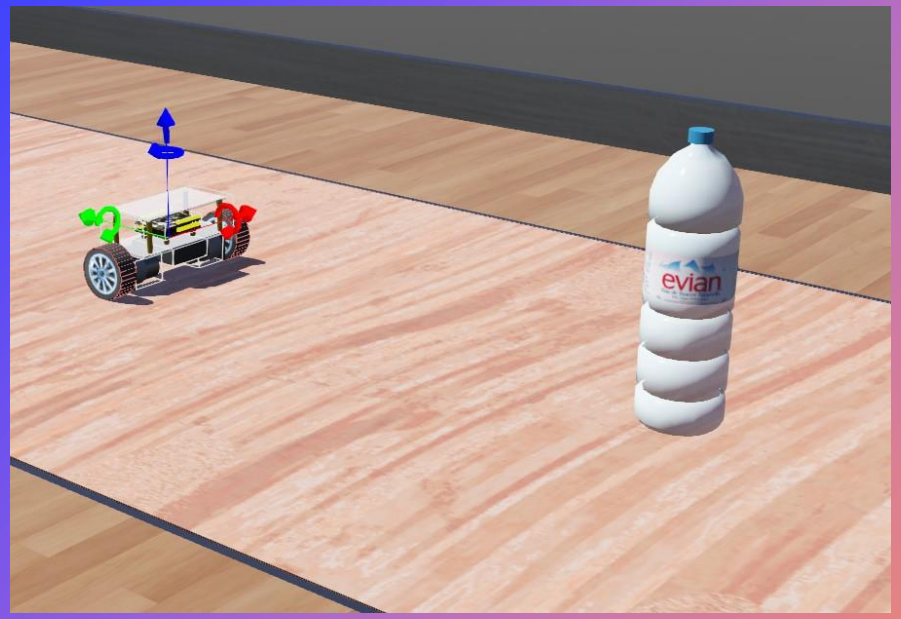


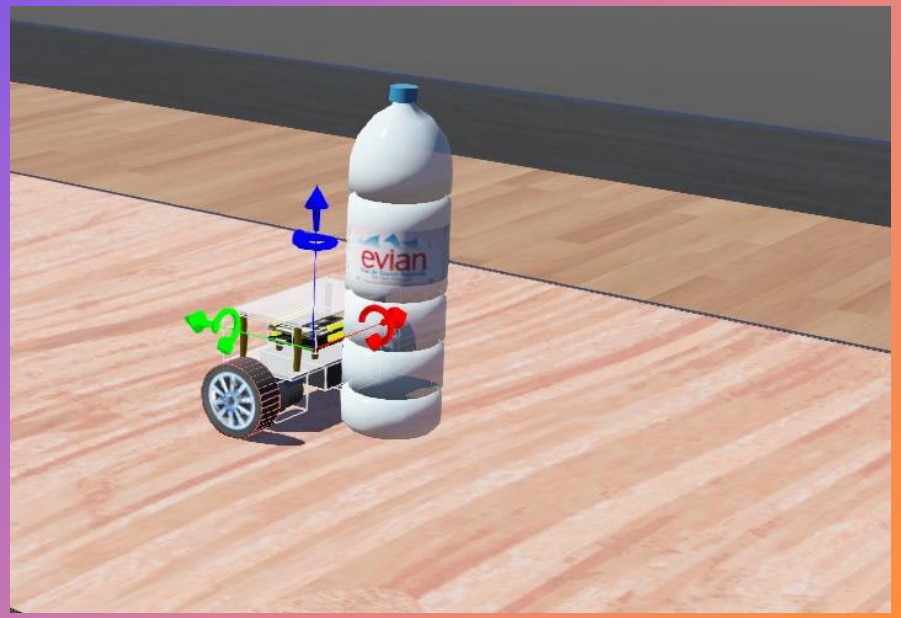
Run world yangada pada file yang sudah didapat dari gitclone.



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

THANK YOU