# Task2

## step1:

## step8:

```
yahboom@VM: ~/roscourse_ws 74x28

reating ./webcam/package.xml
reating source folder
reating folder ./webcam/webcam
reating ./webcam/setup.py
reating /webcam/setup.py
reating folder ./webcam/resource
reating ./webcam/resource/webcam
reating ./webcam/resource/webcam
reating ./webcam/resource/webcam
reating ./webcam/resource/webcam
reating ./webcam/resource/webcam
reating ./webcam/test _ ropyright.py
reating ./webcam/test/test_copyright.py
reating ./webcam/test/test_flake8.py
reating ./webcam/test/test_pep257.py
/ahboom@VM:~/roscourse_ws/src/webcam/webcam$ touch cam_pub.py
/ahboom@VM:~/roscourse_ws/src/webcam/webcam$ touch cam_sub.py
/ahboom@VM:~/roscourse_ws/src/webcam/webcam$ nano cam_pub.py
/ahboom@VM:~/roscourse_ws/src/webcam/webcam$ nano cam_sub.py
/ahboom@VM:~/roscourse_ws/src/webcam/webcam$ nano ~/roscourse_ws/src/webcan/package.xml
/ahboom@VM:~/roscourse_ws/src/webcam/webcam$ nano ~/roscourse_ws/src/webcan/setup.py
/ahboom@VM:~/roscourse_ws/src/webcam/webcam$ nano ~/roscourse_ws/src/webcan/setup.py
/ahboom@VM:~/roscourse_ws/src/webcam/webcam$ cd ~/roscourse_ws/src/webcan/setup.py
//ahboom@VM:~/roscourse_ws/src
```

#### step11:

```
yahboom@VM: ~/roscourse_ws 74x28

**bcam/cam_pub.py

thmod: cannot access '/home/yahboom/roscource_ws/src/webcam/webcam/cam_pub
py': No such file or directory

yahboom@VM: ~/roscourse_ws/src/webcam$ ls ~/roscourse_ws/src/webcam/

package.xml resource setup.cfg setup.py test webcam

yahboom@VM: ~/roscourse_ws/src/webcam$ ls ~/roscourse_ws/src/webcam/webcam

tam_pub.py cam_sub.py __init__.py

yahboom@VM: ~/roscourse_ws/src/webcam$ chmod +x ~/roscourse_ws/src/webcam/webcam/cam_pub.py

yahboom@VM: ~/roscourse_ws/src/webcam$ chmod +x ~/roscourse_ws/src/webcam/webcam/cam_sub.py

yahboom@VM: ~/roscourse_ws/src/webcam$ cd ~/roscourse_ws/src/webcam/webcam/cam_sub.py

yahboom@VM: ~/roscourse_ws/src/webcam$ cd ~/roscourse_ws

sahboom@VM: ~/roscourse_ws/src/webcam$ cd ~/roscourse_ws

sahboom@VM: ~/roscourse_ws/source ~/roscourse_ws/install/setup.bash

yahboom@VM: ~/roscourse_ws/source ~/roscourse_ws/source ~/roscourse_ws/source ~/roscourse_ws/source ~/roscourse_ws/source ~/roscourse_ws/source ~/roscourse_ws/source ~/roscourse_ws/source ~/roscourse_ws/source ~/roscourse_ws/sou
```

## step13:

# Task3

step1:

#### step4:

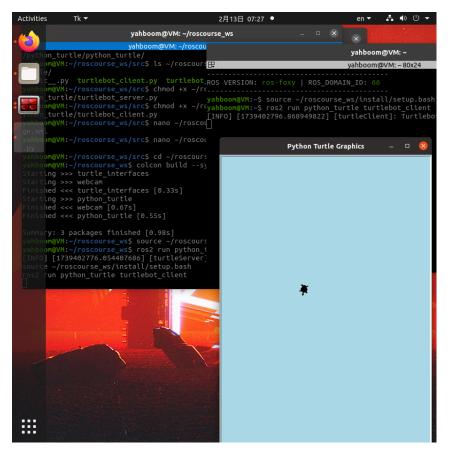
#### step20:

## step22:

```
yahboom@VM:~/roscourse_ws$ ros2 interface show turtle_interfaces/msg/Turtl
eMsg
string name
geometry_msgs/Pose turtle_pose
string color
yahboom@VM:~/roscourse_ws$ ros2 interface show turtle_interfaces/srv/SetPo
se
geometry_msgs/PoseStamped turtle_pose
---
int8 ret
yahboom@VM:~/roscourse_ws$ ros2 interface show turtle_interfaces/srv/SetCo
lor
string color
---
int8 ret
yahboom@VM:~/roscourse_ws$
```

## Task3

step7:



## step16:

