Task2

step1:

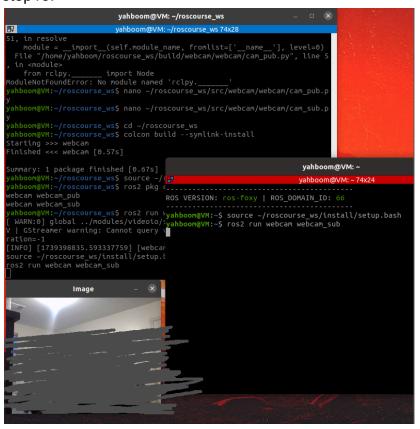
step8:

```
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_opyright.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:

step13:



Task3

step1:

step4:

step20:

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

reating ./turtle_interfaces/CMakeLists.txt
yahboom@VM:~/roscourse_ws/src\trutle_interfaces
ash: cd: /home/yahboom/roscourse_ws/src/trutle_interfaces
ash: cd: /home/yahboom/roscourse_ws/src/trutle_interfaces: No such file o
- directory
yahboom@VM:~/roscourse_ws/src\turtle_interfaces\text{ wahboom@VM:~/roscourse_ws/src/turtle_interfaces} madir msg
yahboom@VM:~/roscourse_ws/src/turtle_interfaces\text{ nano msg/TurtleMsg.msg
yahboom@VM:~/roscourse_ws/src/turtle_interfaces\text{ nano package.xml
yahboom@VM:~/roscourse_ws/src/turtle_interfaces\text{ nano package.xml
yahboom@VM:~/roscourse_ws/src/turtle_interfaces\text{ nano package.xml
yahboom@VM:~/roscourse_ws/src/turtle_interfaces\text{ cd ~/roscourse_ws/src/turtle_interfaces\text{ nano package.xml
yahboom@VM:~/roscourse_ws/src/turtle_interfaces\text{ cd ~/roscourse_ws/src/turtle_interfaces\text{ cd ~/roscourse_ws/src/turtle_interfaces\text{ cd ~/roscourse_ws/src/turtle_interfaces\text{ cd ~/roscourse_ws/src/turtle_interfaces\text{ snoom@VM:~/roscourse_ws/src/turtle_interfaces/srv\text{ nano SetColor.srv
yahboom@VM:~/roscourse_ws/src/turtle_interfaces/srv\text{ nano ~/roscourse_ws/src/turtle_interfaces/srv\text{ nano ~/roscourse_ws/src/turtle_interfaces/srv\text{ cd ~/roscourse_ws/src/turtle_interfaces/srv\text{ cd ~/roscourse_ws/src/turtle_interfaces/srv\text{ cd ~/roscourse_ws/src/turtle_interfaces/srv\text{ colon build --symlink_install}}}}

slon: command not found
yahboom@VM:~/roscourse_ws\text{ colon build --symlink-install}}}

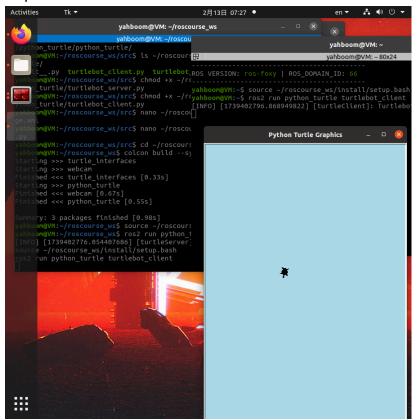
starting >>> turtle_interfaces
starting >>> turtle_interfaces
starting >>> webcam
starting >>> turtle_interfaces
starting >>> turtle_interfaces
starting >>> turtle_interfaces
starting >>> webcam
starting >>> turtle_interfaces
sta
```

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$
```

Task4

step7:



step16:

