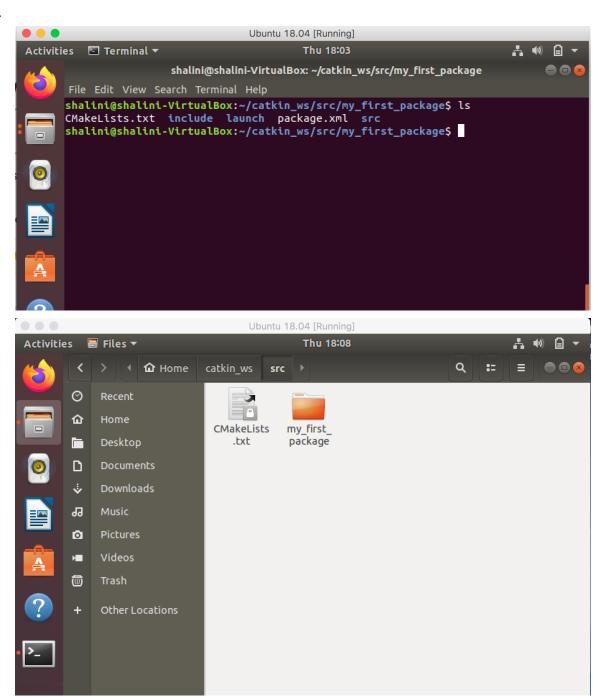
ASSIGNMENT 3

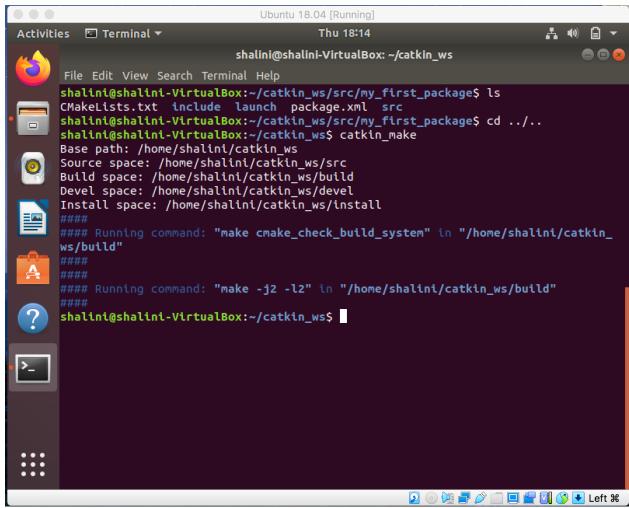
Name: Shalini Das

University: VIT Bhopal University

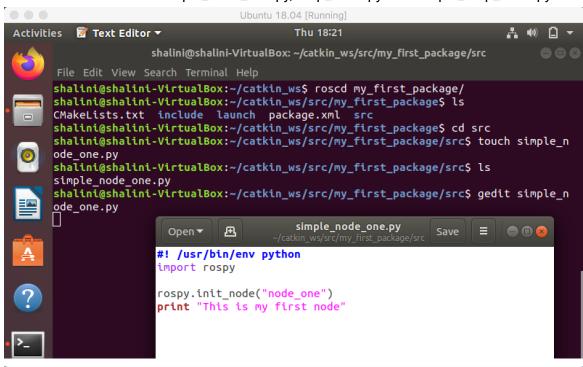
1.

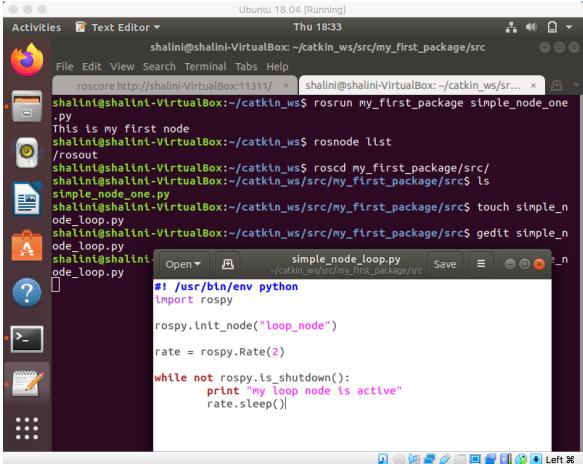


We use catkin_make to compile the package.

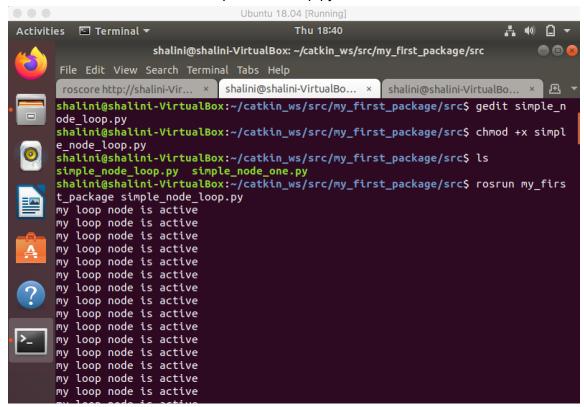


2. We create three nodes: simple_node_one.py, loop_node.py and simple_loop_three.py

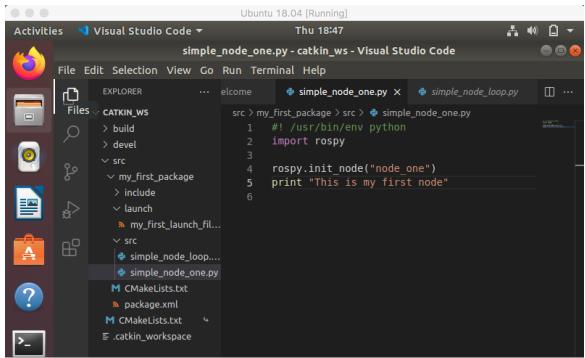


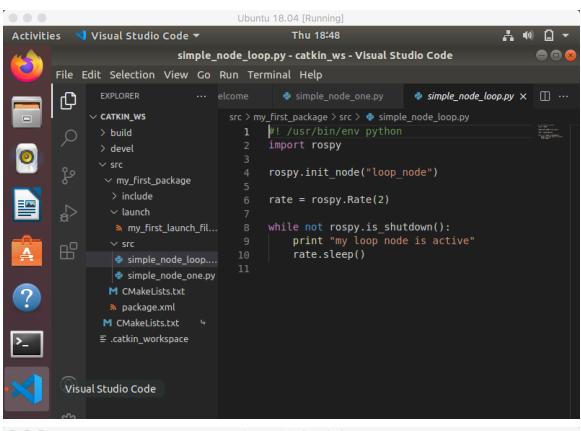


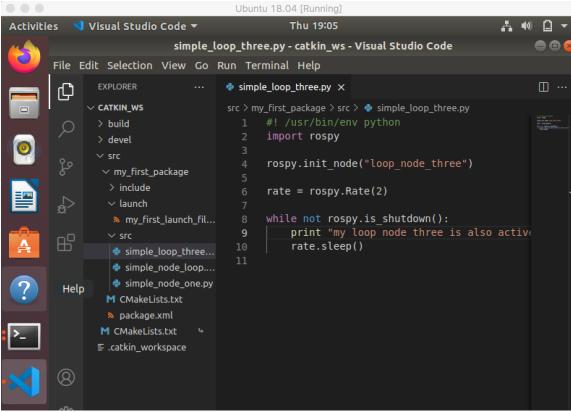
First we run the first nood i.e. simple_node_loop.py



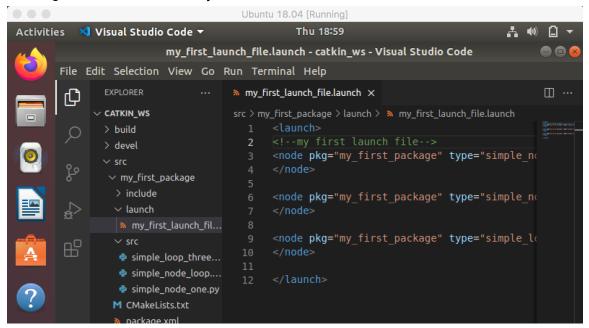
Opening the nodes in visual studio code



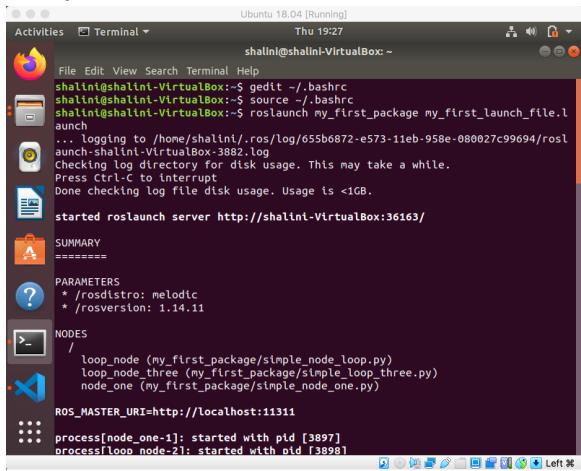


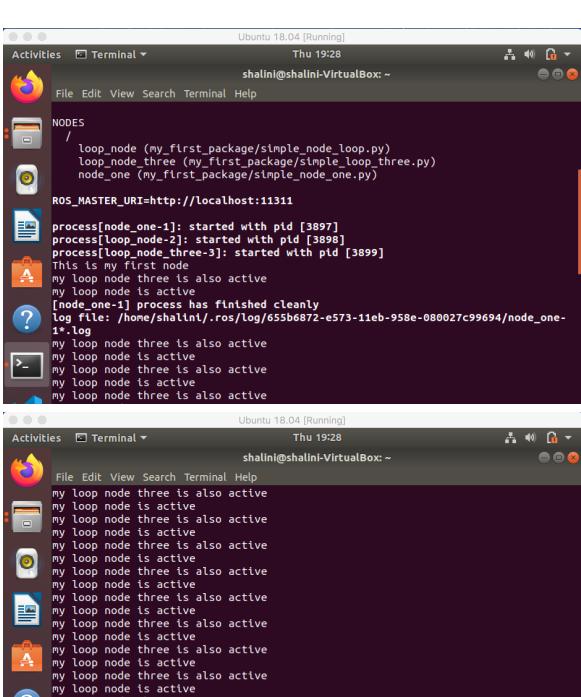


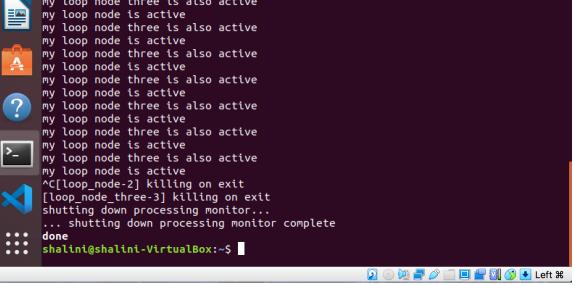
3. Creating a launch file named my_first_launch_file.launch.



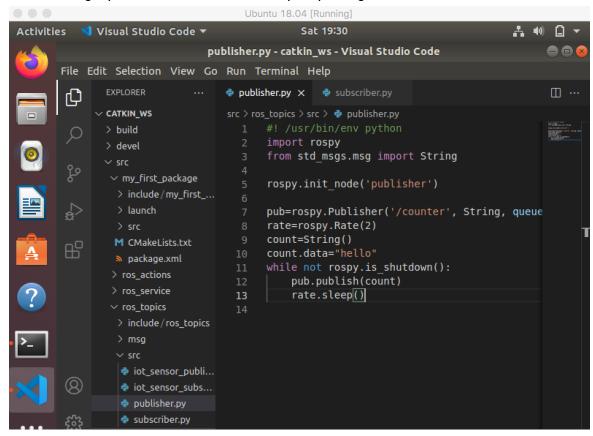
Launching the nodes in the terminal.



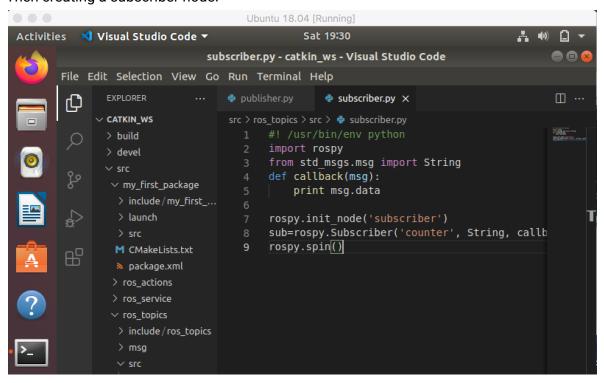




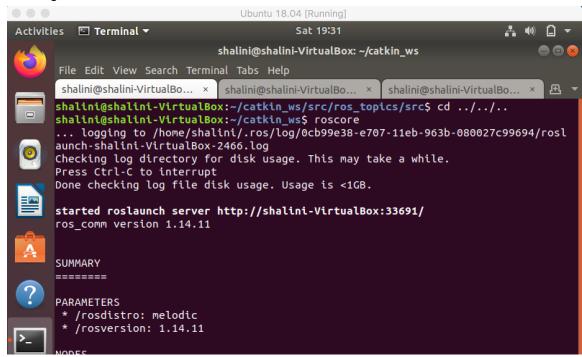
4. First creating a publisher node in the ros_topics package.



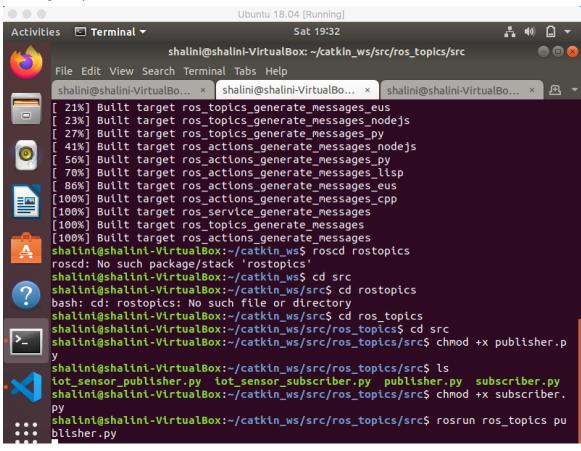
Then creating a subscriber node.



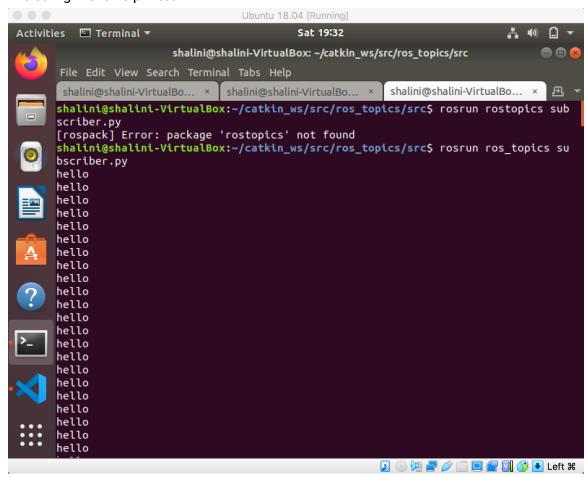
Running the master node in the terminal.



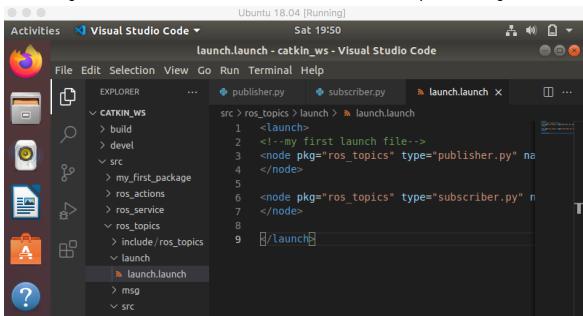
Running the publisher node in the terminal.



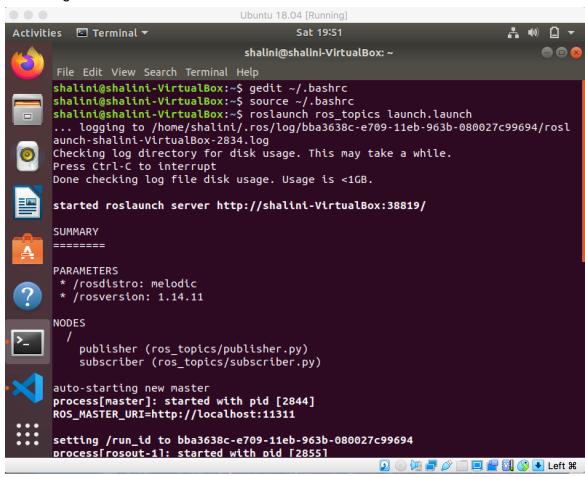
The string "hello" is printed.



5. Creating a launch file launch.launch to launch subscriber and publisher together.



Launching both the nodes in the terminal.



We can see that the string hello is printed.

