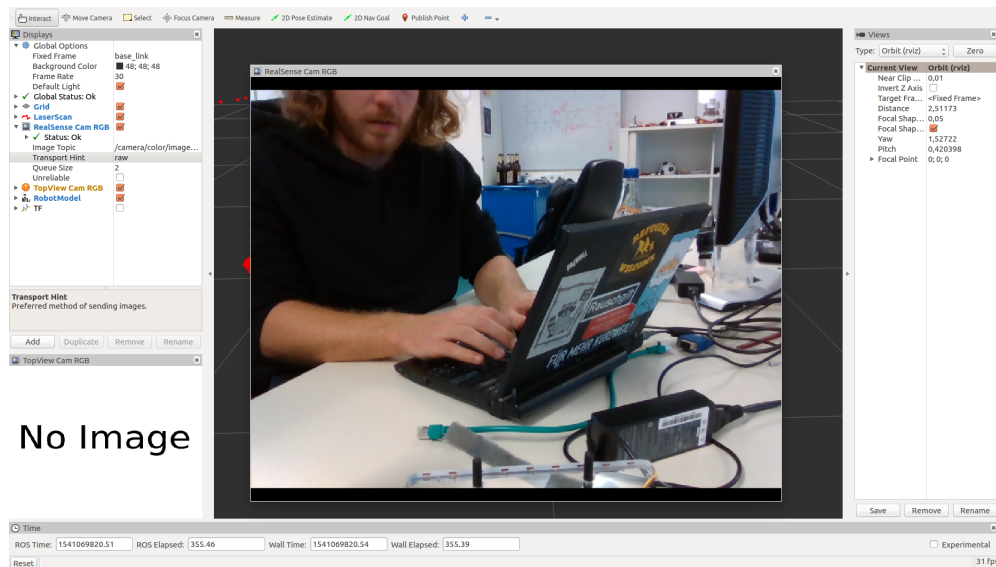


1 Aufgabe 1



2 Aufgabe 2

Den Quellcode finden sie hier https://github.com/bigzed/model_car/blob/version-4.0/catkin_ws/src/assignment1_publisher_subscriber/src/publisher_subscriber.py

```
1 #!/usr/bin/env python
2 import rospy
3 from std_msgs.msg import String
4
5 pub = None
6
7 def callback(data):
8     rospy.loginfo(rospy.get_caller_id() + 'Heard %s', data.data)
9     pub.publish(std_msgs.msg.String('I heard: {}'.format(data.data)))
10
11 def listener():
12     # init node
13     rospy.init_node('assignment1_publisher_subscriber', anonymous=True)
14     # create publisher
15     pub = rospy.Publisher('/assignment1_publisher_subscriber', std_msgs.String,
16     → queue_size = 10)
17     # subscribe with callback
18     rospy.Subscriber('/yaw', std_msgs.Float32, callback)
19
20     rospy.spin()
21
22 if __name__ == '__main__':
23     listener()
```