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Assignment 1
 Expected Result

(You can name your node arbitrary)

Your Result

```
alex@alex-K501UX:~/sis_lab_all_2020/06-Camera_Calibration/catkin_ws$ rosrun hand_eye_calibration
get_transform ../data/calibration.txt
Homogeneous transformation matrix:
0.006096 0.009184 0.999939 0.460440
-0.049443 0.998737 -0.008872 -0.130027
-0.998758 -0.049386 0.006543 0.611257
-0.000000 0.000000 0.000000 1.000000
```

Please also hand in the compressed `hand\_eye\_calibration` package into .zip format, the directory tree would be liked

The required files include `CMakeLists.txt`, `package.xml` and corresponding source code. The separated header file and its implementation structure is not forced.

## Rules:

- You should parse the input file instead of handcode the data
- You should not assume the number of data points is known
- You should edit `CMakeLists.txt` so that after you run the command
   \$ catkin\_make
   you would get the executable file under the path devel/lib/hand\_eye\_calibration

## 2. 注意事項

- 檔案名稱請改為 Lab6\_assignment\_學號\_姓名,上傳格式請用 ZIP,其中包含 此份文件之 PDF 與套件之 ZIP
- 學生只要將作業要求的圖片更改為自己做實驗並截圖下來的圖片即可,無須多做 說明。
- 請勿抄襲