PickPosition

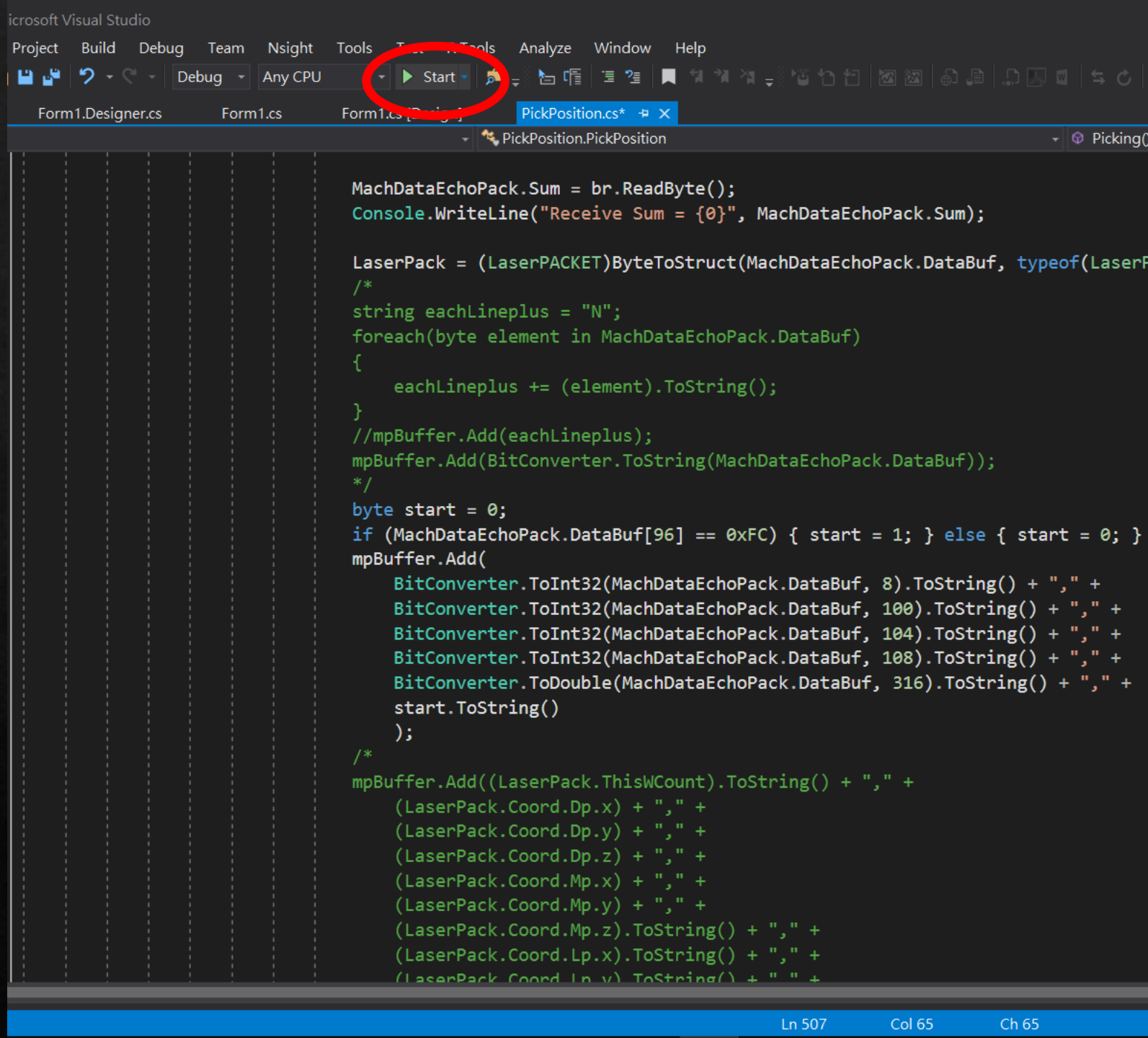
About Laser

Picking Data

Data	For Instance
Time	21:11:7.021
X-coordinate	40235
Y-coordinate	-582369
Z-coordinate	470200
Speed	19.980
Cycle Start Flag	1(or 0)

Instructions1

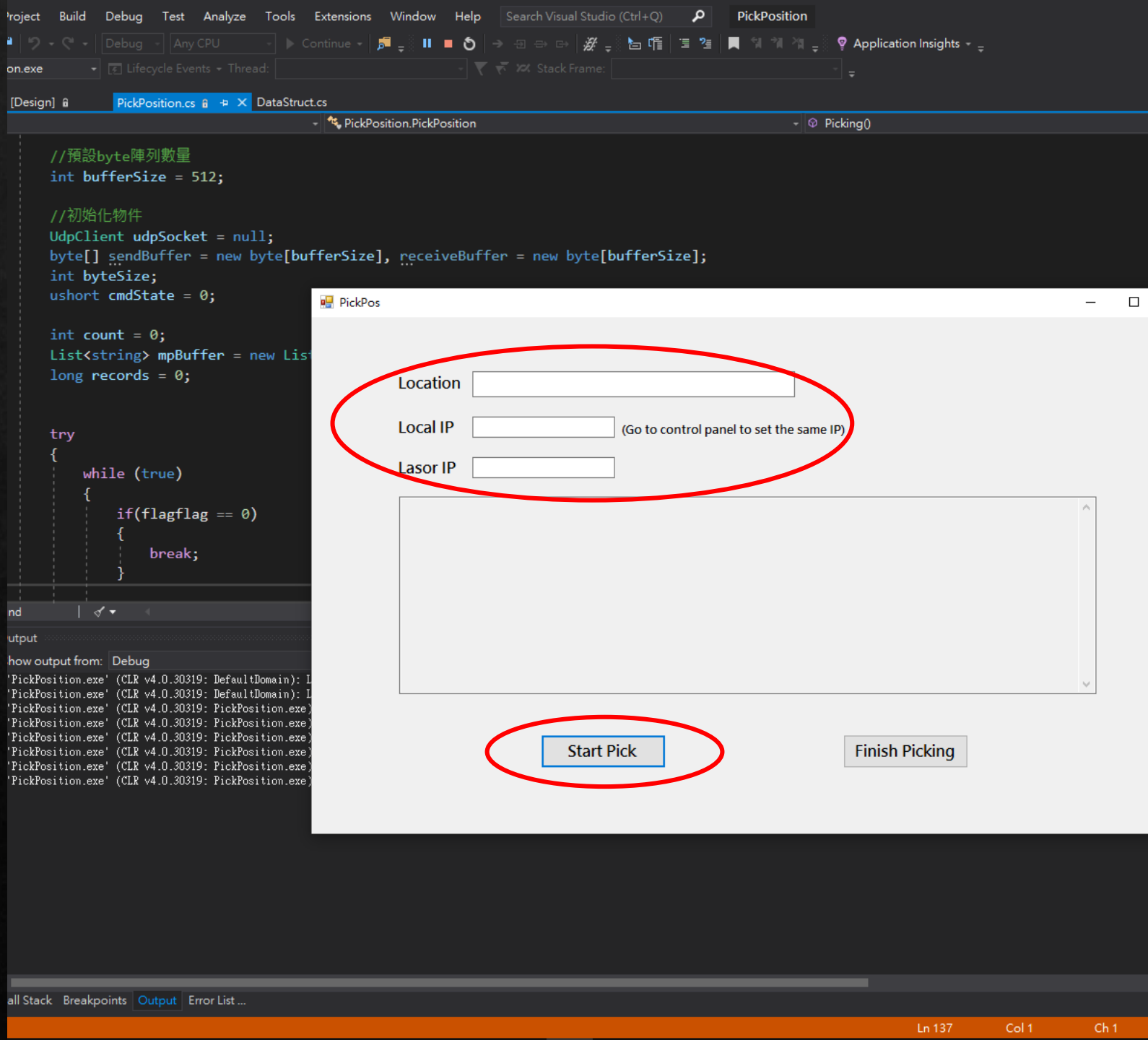
Using visual studio, open solution of PickPosition Project, and build it and debug it.



Instructions2

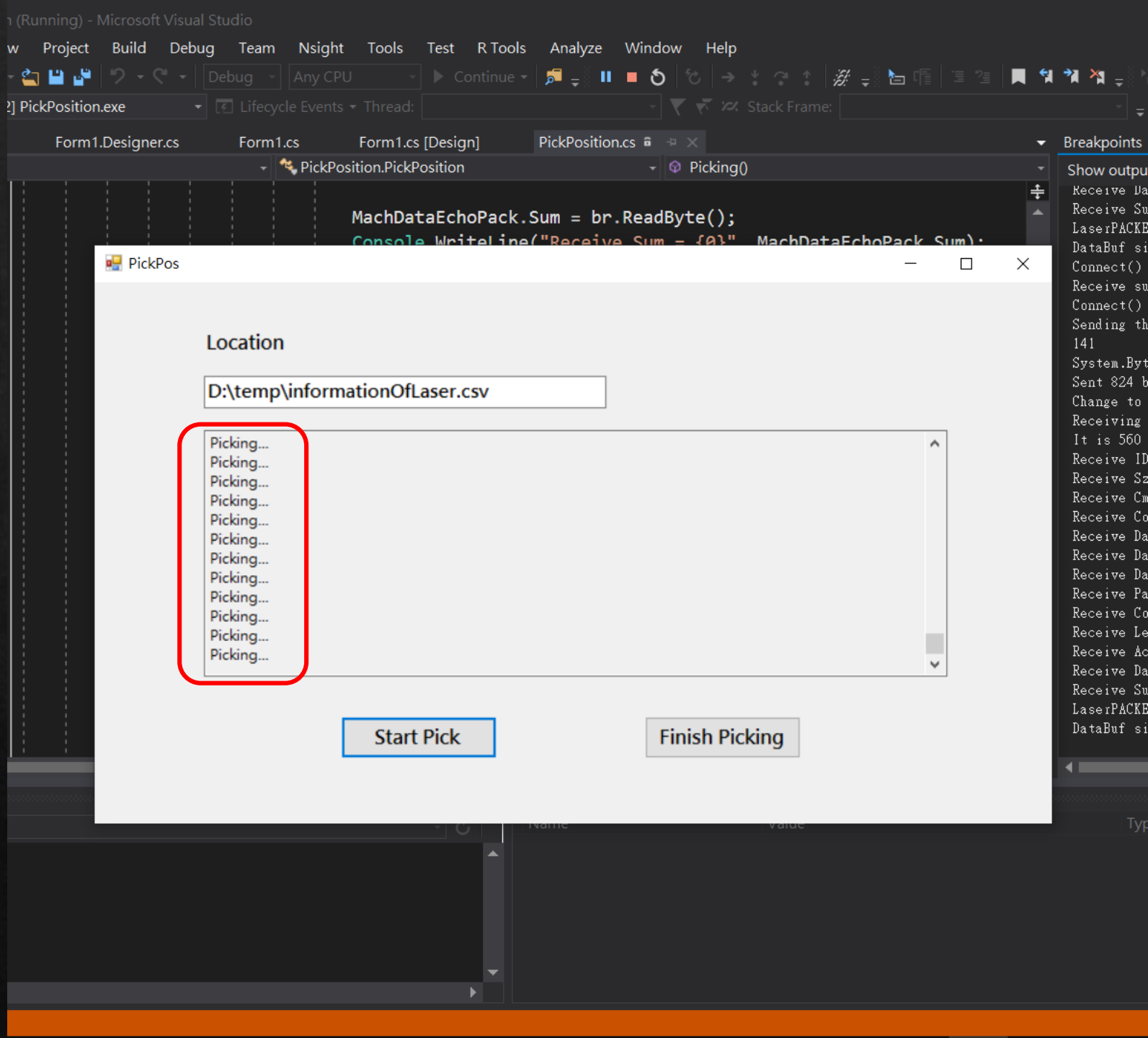
Fill out form, including location where you save your csv file, local ip address and laser ip address.

When finish filling, push the "Start Pick" button to run it.



Instructions3

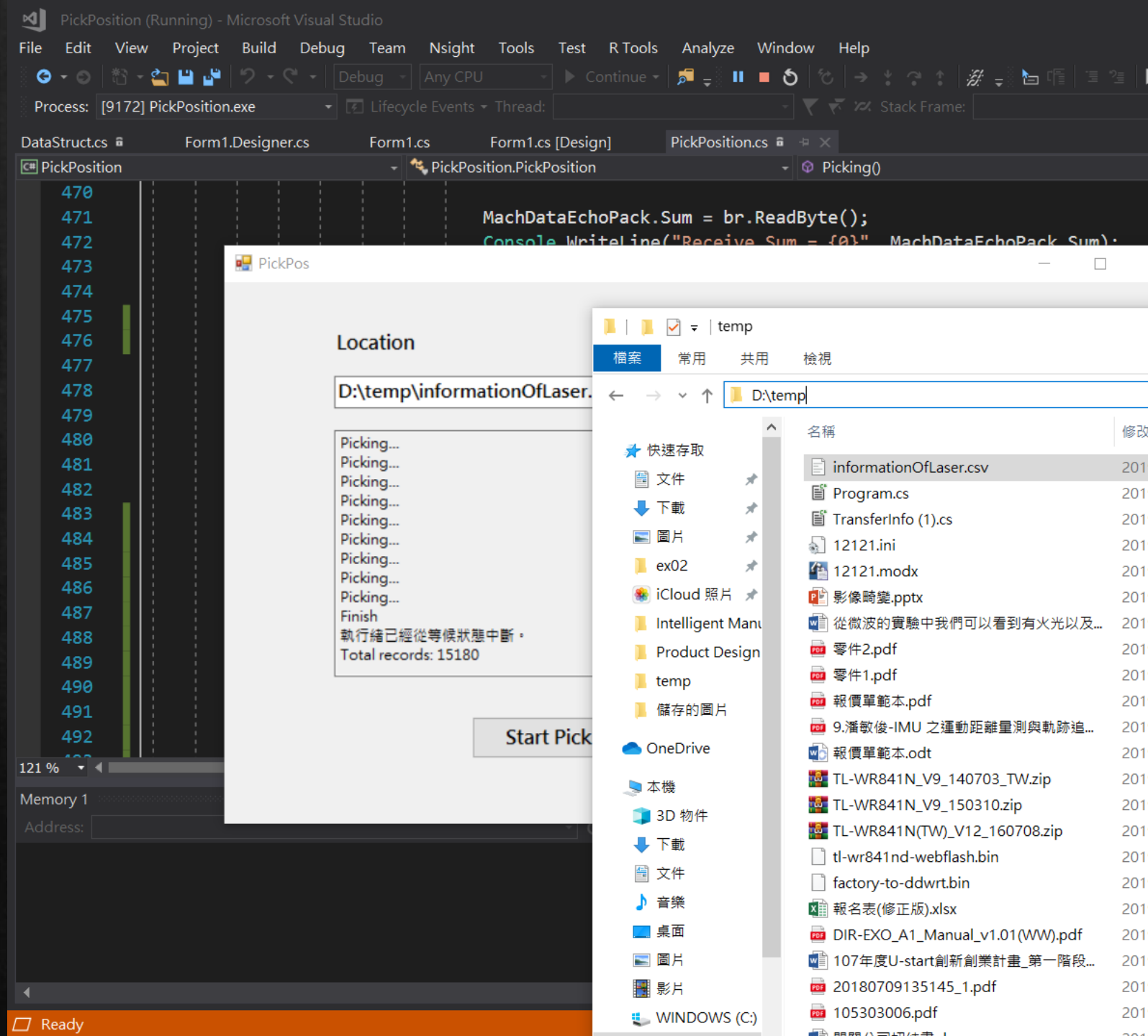
When information field displays “Picking…”, then you can start the laser machine (run G code).

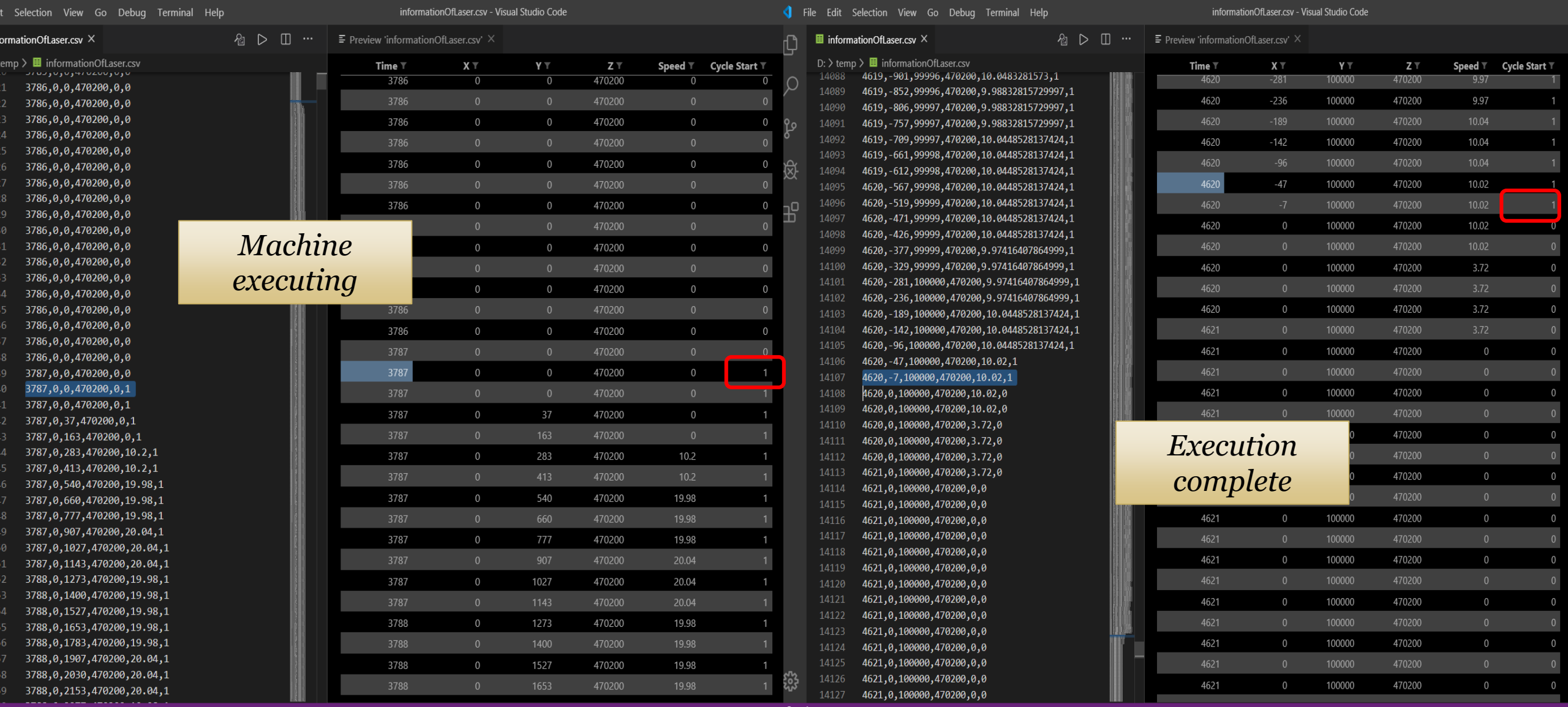


Instructions4

While laser machine completely executes, push "Finish Picking" button and information field will show total records.

Finally, go to file location to check information be correct.




Selection View Go Debug Terminal Help
informationOfLaser.csv - Visual Studio Code
informationOfLaser.csv
Preview 'informationOfLaser.csv'
temp > informationOfLaser.csv
Time X Y Z Speed Cycle Start
3786,0,0,470200,0,0
3787,0,0,470200,0,1
3787,0,37,470200,0,1
3787,0,163,470200,0,1
3787,0,283,470200,10.2,1
3787,0,413,470200,10.2,1
3787,0,540,470200,19.98,1
3787,0,660,470200,19.98,1
3787,0,777,470200,19.98,1
3787,0,907,470200,20.04,1
3787,0,1027,470200,20.04,1
3787,0,1143,470200,20.04,1
3788,0,1273,470200,19.98,1
3788,0,1400,470200,19.98,1
3788,0,1527,470200,19.98,1
3788,0,1653,470200,19.98,1
3788,0,1783,470200,19.98,1
3788,0,1907,470200,20.04,1
3788,0,2030,470200,20.04,1
3788,0,2153,470200,20.04,1
Machine executing
Ln 41, Co 0 0
File Edit Selection View Go Debug Terminal Help
informationOfLaser.csv - Visual Studio Code
informationOfLaser.csv
Preview 'informationOfLaser.csv'
D: > temp > informationOfLaser.csv
14088 4619,-901,99996,470200,10.0483281573,1
14089 4619,-852,99996,470200,9.98832815729997,1
14090 4619,-806,99997,470200,9.98832815729997,1
14091 4619,-757,99997,470200,9.98832815729997,1
14092 4619,-709,99997,470200,10.0448528137424,1
14093 4619,-661,99998,470200,10.0448528137424,1
14094 4619,-612,99998,470200,10.0448528137424,1
14095 4620,-567,99998,470200,10.0448528137424,1
14096 4620,-519,99999,470200,10.0448528137424,1
14097 4620,-471,99999,470200,10.0448528137424,1
14098 4620,-426,99999,470200,10.0448528137424,1
14099 4620,-377,99999,470200,9.97416407864999,1
14100 4620,-329,99999,470200,9.97416407864999,1
14101 4620,-281,100000,470200,9.97416407864999,1
14102 4620,-236,100000,470200,9.97416407864999,1
14103 4620,-189,100000,470200,10.0448528137424,1
14104 4620,-142,100000,470200,10.0448528137424,1
14105 4620,-96,100000,470200,10.0448528137424,1
14106 4620,-47,100000,470200,10.02,1
14107 4620,-7,100000,470200,10.02,1
14108 4620,0,100000,470200,10.02,0
14109 4620,0,100000,470200,10.02,0
14110 4620,0,100000,470200,3.72,0
14111 4620,0,100000,470200,3.72,0
14112 4620,0,100000,470200,3.72,0
14113 4621,0,100000,470200,3.72,0
14114 4621,0,100000,470200,0,0
14115 4621,0,100000,470200,0,0
14116 4621,0,100000,470200,0,0
14117 4621,0,100000,470200,0,0
14118 4621,0,100000,470200,0,0
14119 4621,0,100000,470200,0,0
14120 4621,0,100000,470200,0,0
14121 4621,0,100000,470200,0,0
14122 4621,0,100000,470200,0,0
14123 4621,0,100000,470200,0,0
14124 4621,0,100000,470200,0,0
14125 4621,0,100000,470200,0,0
14126 4621,0,100000,470200,0,0
14127 4621,0,100000,470200,0,0
Time X Y Z Speed Cycle Start
Execution complete
Ln 14108, Co

Test Result

P.S.

- *Last four digits of x, y, and z coordinates are decimal places*