Part 1: after connecting successfully to device you should insert time of measurement:

1 sec = 100 data points

```
C:\Users\kosil\Desktop\myo-sdk-win-0.9.0\samples\x64\Release\emg-data-sample.exe                 —    □    ×
Attempting to find a Myo...
Connected to a Myo armband!

Enter how many seconds tests should takes :_
```

Part 2 : Folder Name where will be results stored

Personally I add one folder above named tests where folders will be stored

```
C:\Users\kosil\Desktop\myo-sdk-win-0.9.0\samples\x64\Release\emg-data-sample.exe                 —    □    ×
Attempting to find a Myo...
Connected to a Myo armband!

Enter how many seconds tests should takes :5

Enter folder name where will be stored test results :_
```

There is a security to test if folder name already exists if exist you can not create folder with this name

I create it to prevent overwriting of data.

```
Attempting to find a Myo...
Connected to a Myo armband!

Enter how many seconds tests should takes :5

Enter folder name where will be stored test results :Test_1
Folder name |Test_1|  already exist try difrent name
```
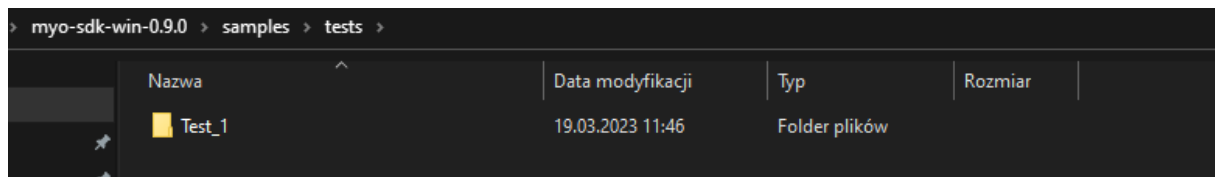
Localization is in this directory,

All the results will be in folder tests

.vs	18.03.2023 21:17	Folder plików	
Debug	18.03.2023 21:17	Folder plików	
tests	19.03.2023 11:46	Folder plików	
x64	19.03.2023 17:23	Folder plików	
emg-data-sample	19.03.2023 11:51	C++ Source file	11 KB
emg-data-sample-VisualStudio2012.sln	15.03.2023 21:50	Visual Studio Solu...	2 KB
emg-data-sample-VisualStudio2012.vcxp...	18.03.2023 21:15	VC++ Project	10 KB
emg-data-sample-VisualStudio2012.vcxp...	10.03.2023 13:13	Per-User Project O...	1 KB
emg-data-sample-VisualStudio2013.sln	24.10.2018 02:03	Visual Studio Solu...	2 KB
emg-data-sample-VisualStudio2013.vcxp...	15.03.2023 16:07	VC++ Project	9 KB
emg-data-sample-VisualStudio2013.vcxp...	15.03.2023 12:37	Per-User Project O...	1 KB
main	17.03.2023 23:39	C++ Source file	1 KB
matplotlibcpp.h	15.03.2023 20:33	C/C++ Header	112 KB

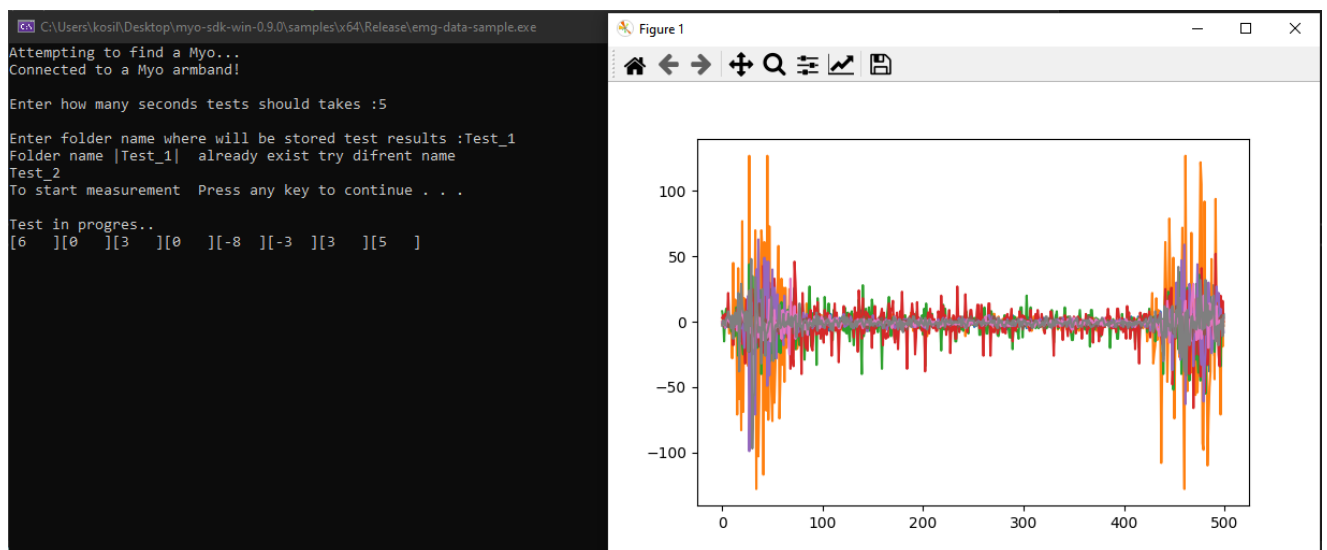Down showed how it looks like

In this step after you pass a valid name for folder you need to press any key to start first measurement.

```
Attempting to find a Myo...
Connected to a Myo armband!

Enter how many seconds tests should takes :5

Enter folder name where will be stored test results :Test_1
Folder name |Test_1|  already exist try difrent name
Test_2
To start measurement  Press any key to continue . . .
```

Part 3: After measurement is done implemented matplotlib library is ploting results of measurments

Part 4: After you close matplotlib window application is asking you do you want to save this test

```
Attempting to find a Myo...
Connected to a Myo armband!

Enter how many seconds tests should takes :5

Enter folder name where will be stored test results :Test_1
Folder name |Test_1|  already exist try difrent name
Test_2
To start measurement  Press any key to continue . . .

Test in progres..
[6  ][0  ][3  ][0  ][-8 ][-3 ][3  ][5  ]
Do you want to save result ?
[y]/[n] :
```
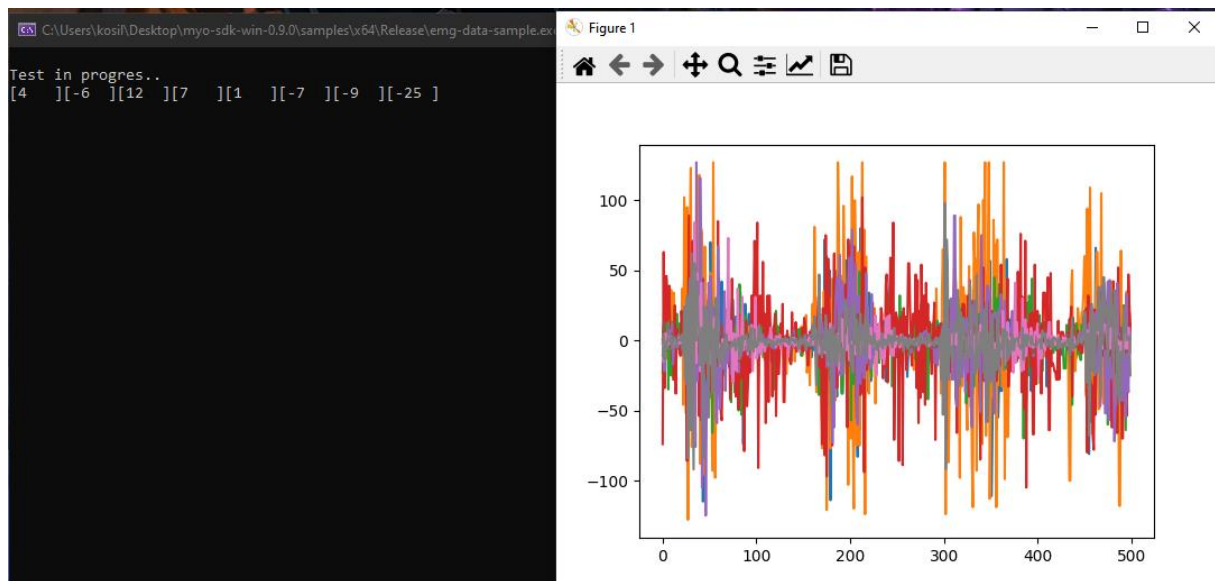
Here below is showed how test are stored in file;

Results in file:

In each columns are results of measurement from 1 sensor

Part 5 : Do you want next measurement ?

I add one line to show how many measurements you already saved in folder you previously mentioned.

After passing Y:

And go back to part 3:

Below showed how tests are stored in folder.