MATLAB programming course for beginners, supported by Wagatsuma Lab@Kyutech

Table of Contents

Specifications and requirements

1. @Time : 2022-8-10
2. @Author : Hiroaki Wagatsuma
3. @Site : https://github.com/hirowgit/1A1_matlab_intermediate_course
4. @IDE : MATLAB R2022a
5. @File : lec1_step2.m

Main program

```
NofD=10;
rdat=rand(1,NofD);

rdat_s=floor(rdat*NofD)+1;
rdat_s

inData=10*(1:NofD);
```

```
inData(1)
inData([1])
inData([1,2,5])
inData(rdat_s)

inData=10*(1:NofD);

inData(1)+inData(2)
inData([1])+inData([2])

inData([1,2])+inData([2,3])
inData(1)+inData([2,3])
inData([1])+inData([2,3])
inData([1])*inData([2,3])

inData=1:NofD;
inData(3:end)
inData(end)
inData(3:end-1)
inData(end-3:end-1)


rdat_s =

     6     9     2     5     4     7    10     1     4     4


ans =

    10


ans =

    10


ans =

    10    20    50


ans =

    60    90    20    50    40    70   100    10    40    40


ans =

    30


ans =
```

```
    30

ans =

    30    50

ans =

    30    40

ans =

    30    40

ans =

   200   300

ans =

     3     4     5     6     7     8     9    10

ans =

    10

ans =

     3     4     5     6     7     8     9

ans =

     7     8     9
```

Supplementary information to publish

If you want to make a pdf or html file on the code, you can use the code "x_publish_each_codes.m" in the same folder. Please change the file name as " this_file_tag='lec*_step*' " (* will be replaced to the number of the target file).

The code "x_publish_all_codes.m" works for such a publication applying to all codes in the same folder (Note: "x_publish_all_codes_sub.m" should be located in the same folder).

Published with MATLAB® R2022a