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

Table of Contents

Specifications and requirements	
Main program	1
Supplementary information to publish	

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Specifications and requirements

1. @Time: 2022-8-10

2. @Author: Hiroaki Wagatsuma

3. @Site: https://github.com/hirowgit/1A1 matlab intermediate course

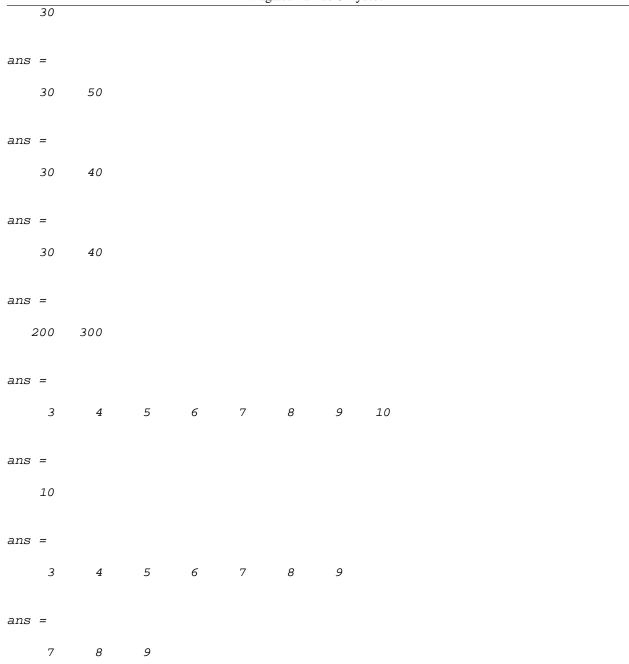
4. @IDE: MATLAB R2022a

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 =
          20
    10
                50
ans =
    60
          90
                20
                      50
                            40
                                  70
                                       100
                                              10
                                                     40
                                                           40
ans =
    30
ans =
```



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