

**Ahsanullah University of Science and Technology**

## ***LAB REPORT***

Course No: *EEE3110*

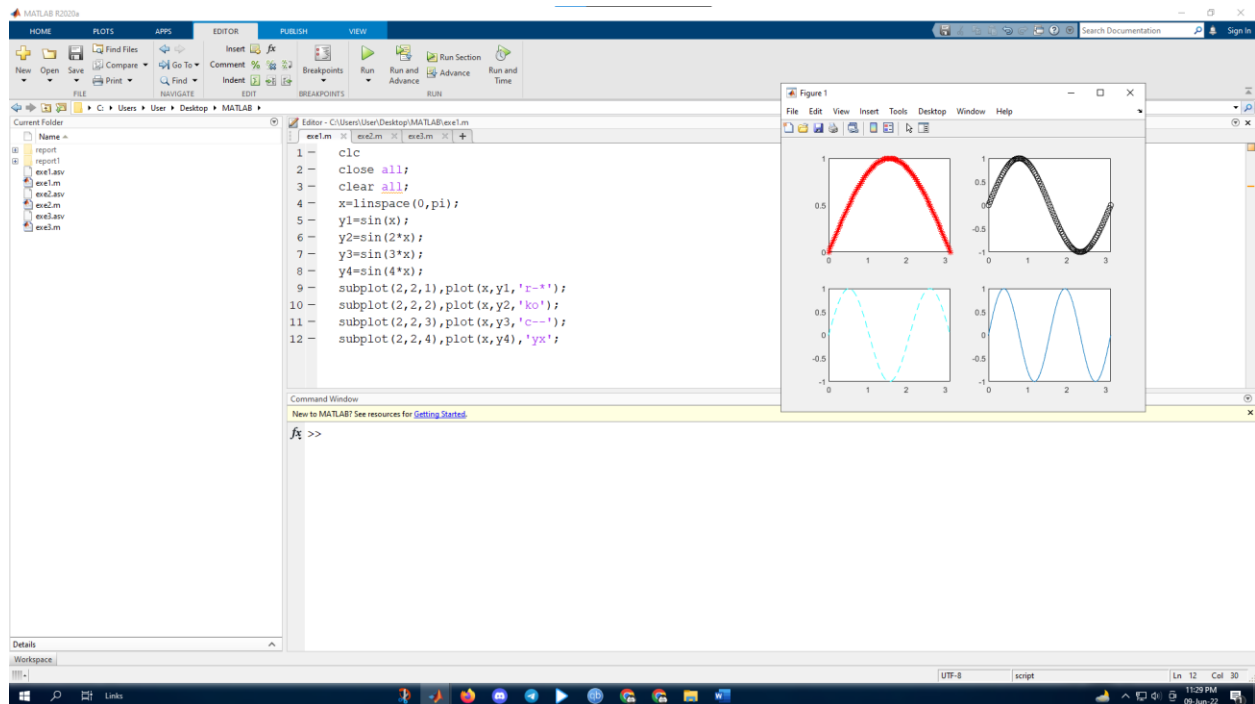
Course Name: *Numerical Technique Laboratory*

*Exp No:02*

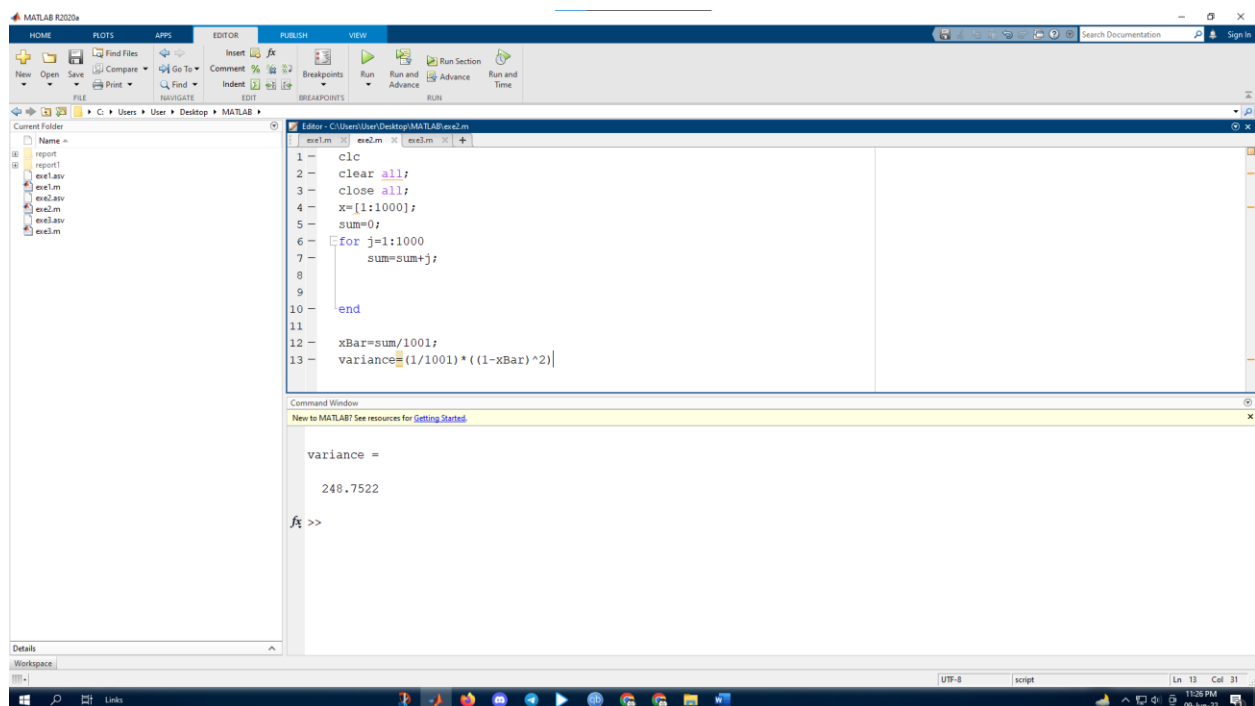
*Exp Name: Applications of MATLAB*

- Name: *Md. Idrak Efaz*
  - ID: *190205121*
- Year: 3 , Semester: 1
  - Section: B-2
- Department of *EEE*.

# Exercise1



# Exercise2



# Exercise3

The image shows the MATLAB R2020a interface. The main window displays a script named `ex3.m` with the following code:

```
1 - clc
2 - clear all;
3 % Equn for Circuit
4 % 3*i1-12-2*i3=1;
5 % -1+6*i2-3*i3=0;
6 % -2*i1-3*i2+6*i3=6;
7 a=[3 -1 -2;-1 6 -3;-2 -3 6];
8 b=[1;0;6];
9
10 i=linsolve(a,b);
11 i1=i(1)
12 i2=i(2)
13 i3=i(3)
```

The Command Window shows the output of the script:

```
i1 =
    3.0000

i2 =
    2.0000

i3 =
    3.0000
```

The Workspace window is empty, and the Command Window shows the prompt `>>`.

# Extra

