

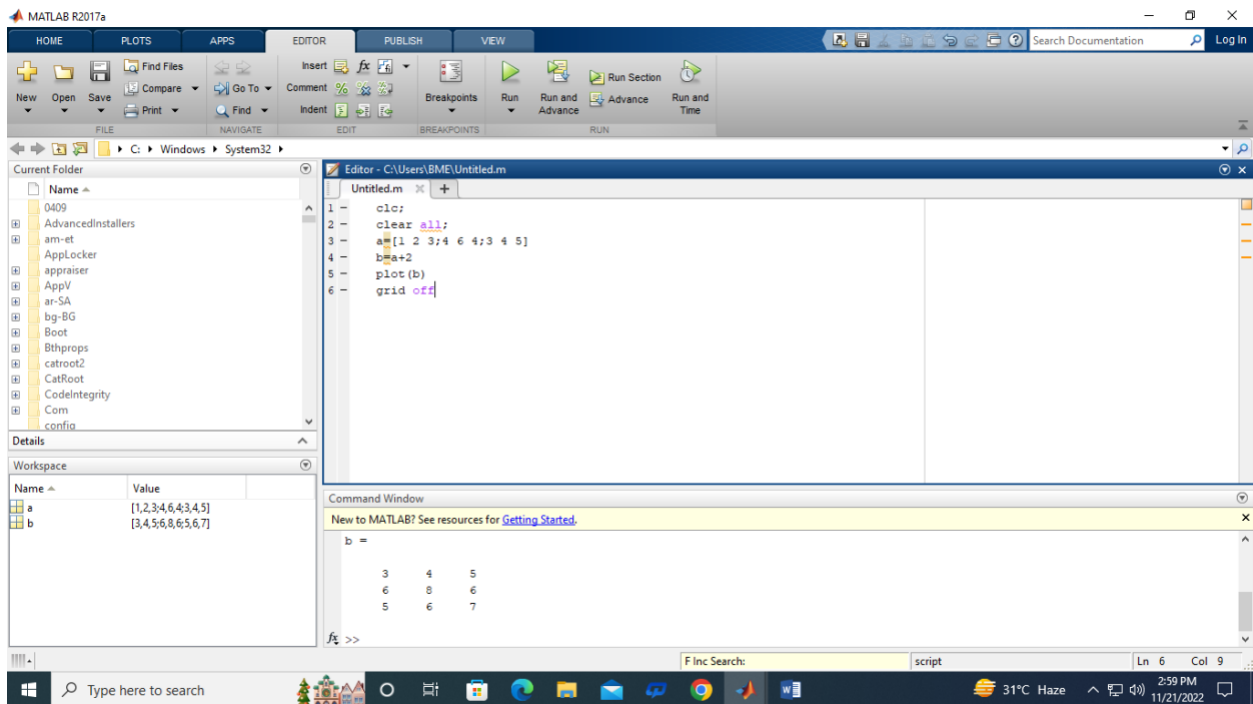
LAB# 1

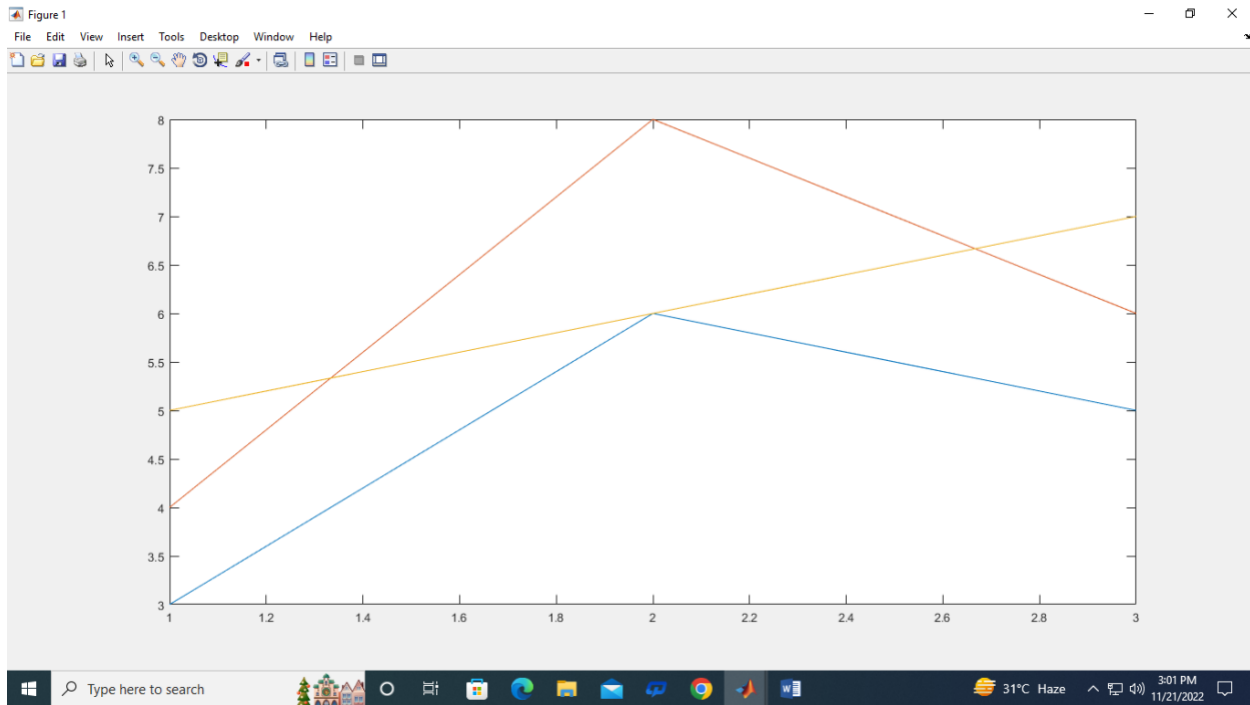
Exercising for plotting the different graphs in MATLAB

1(a)

SOURCE CODE

```
clc;
clear all;
a=[1 2 3;4 6 4;3 4 5]
b=a+2
plot(b)
grid off
```

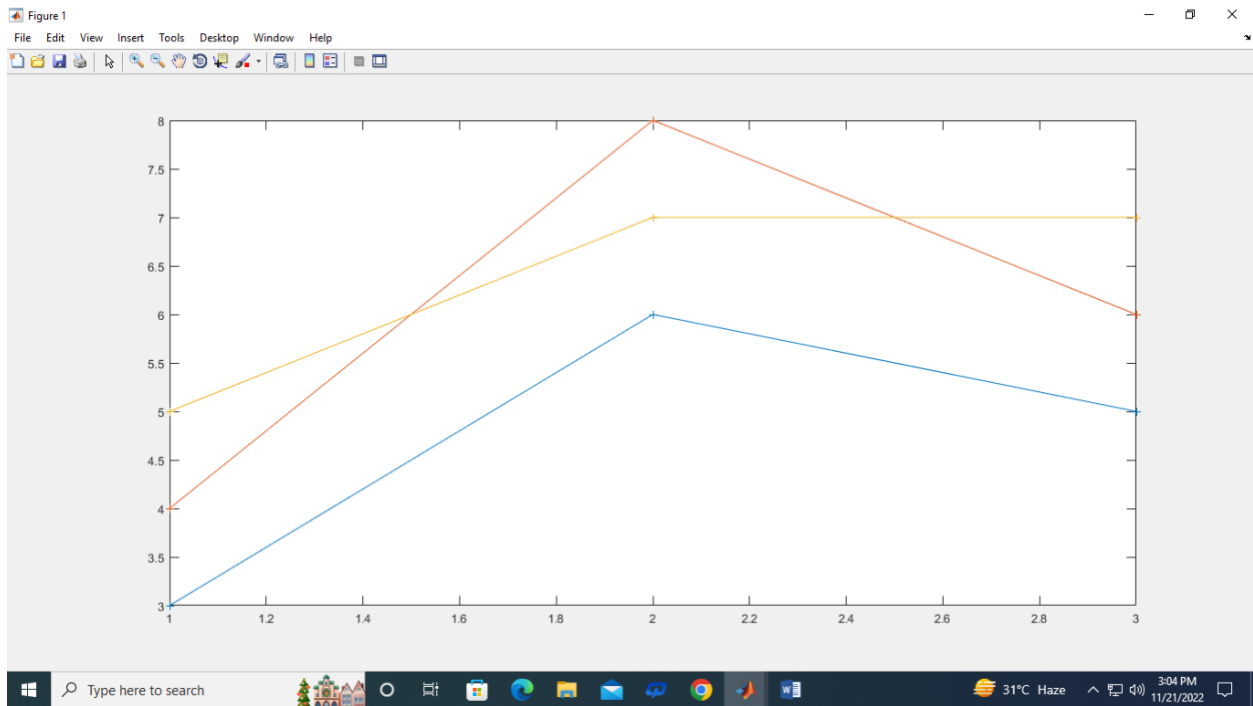
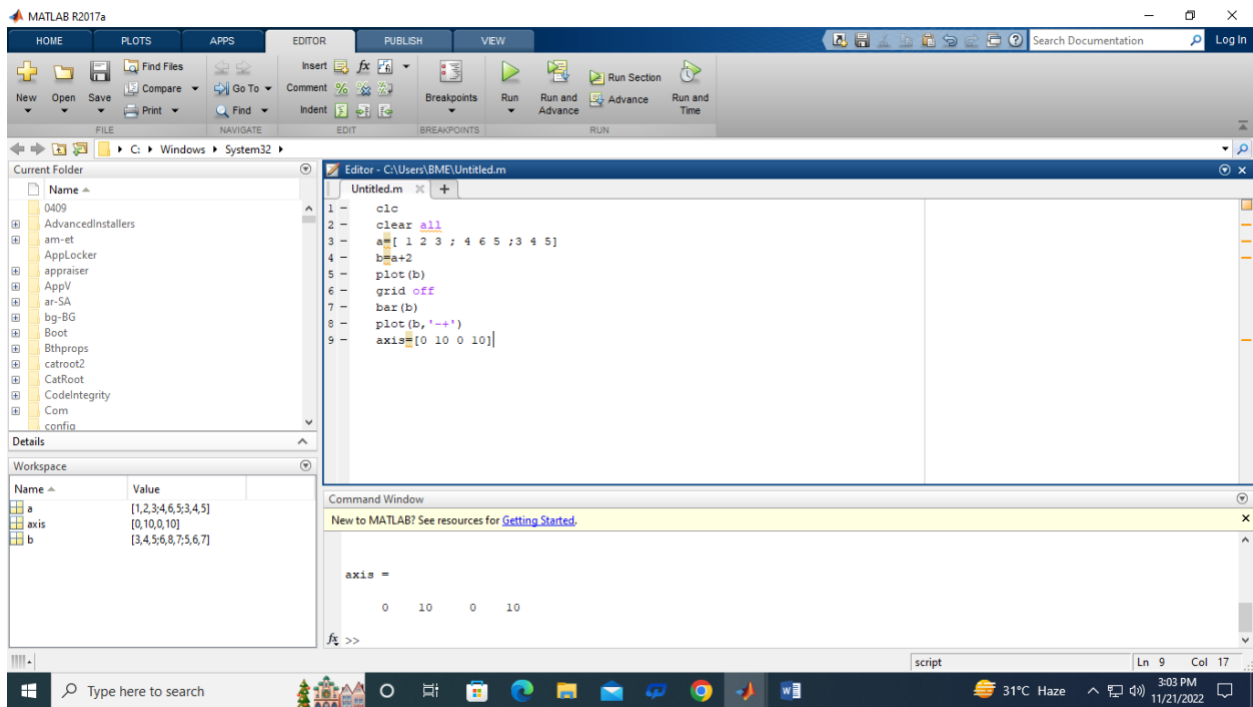




1(b)

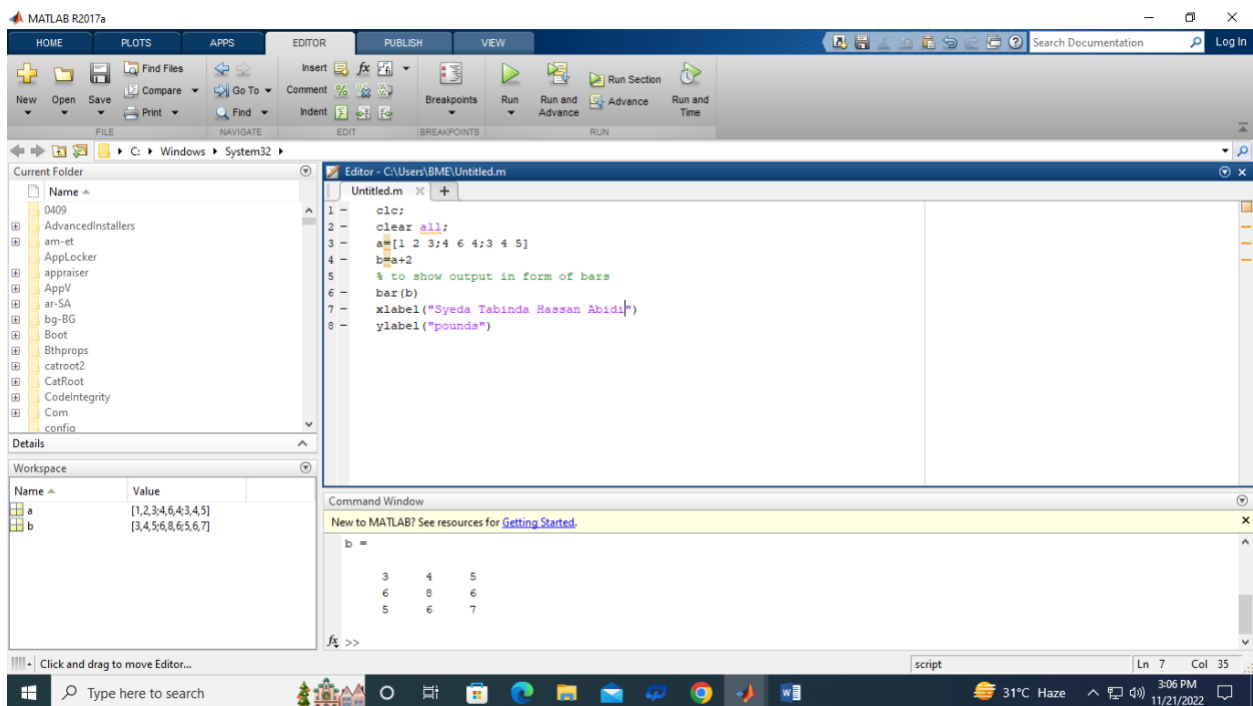
SOURCE CODE

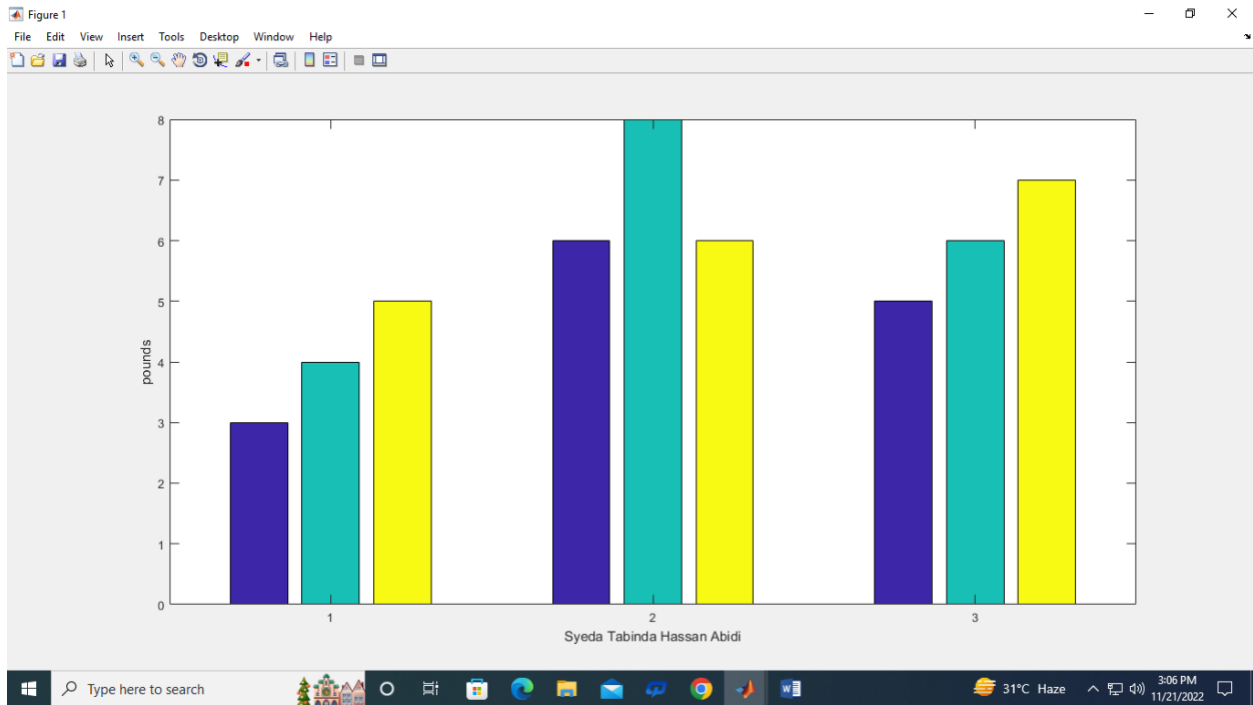
```
clc
clear all
a=[ 1 2 3 ; 4 6 5 ;3 4 5]
b=a+2
plot(b)
grid off
bar(b)
plot(b, '-+')
axis=[0 10 0 10]
```



1(c)**SOURCE CODE**

```
clc;
clear all;
a=[1 2 3;4 6 4;3 4 5]
b=a+2
% to show output in form of bars
bar(b)
xlabel("Syeda Tabinda Hassan Abidi")
ylabel("pounds")
```

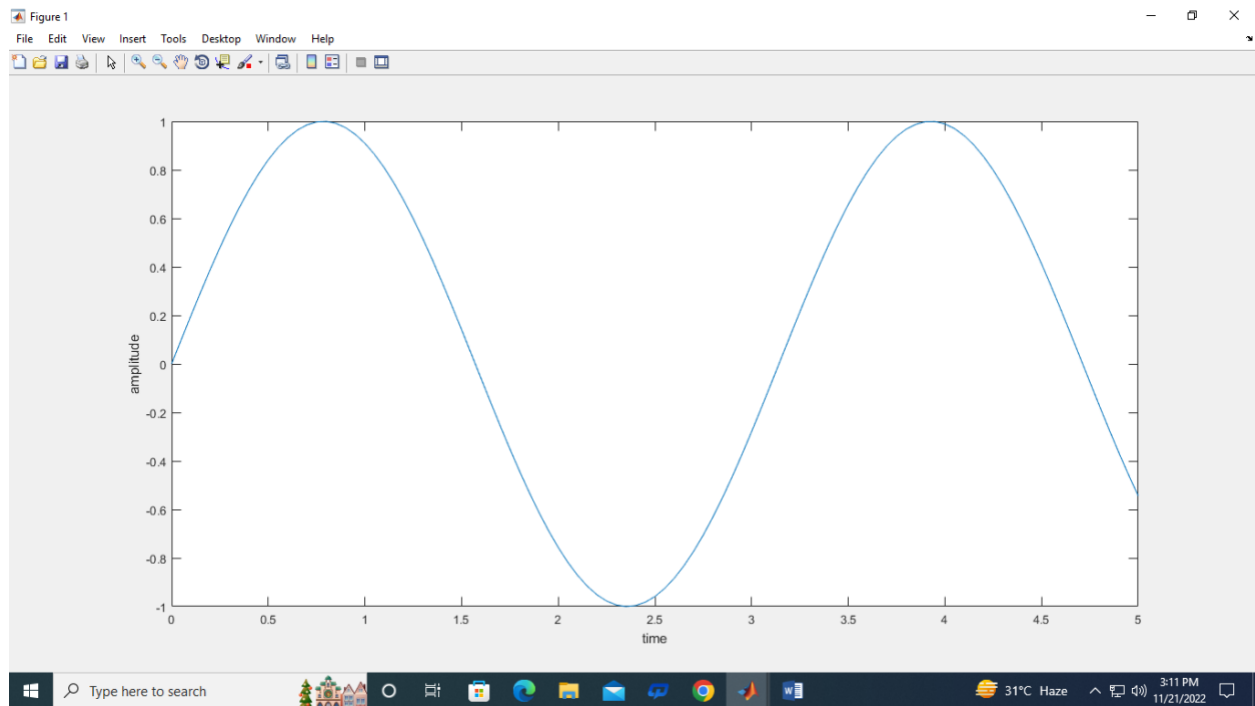
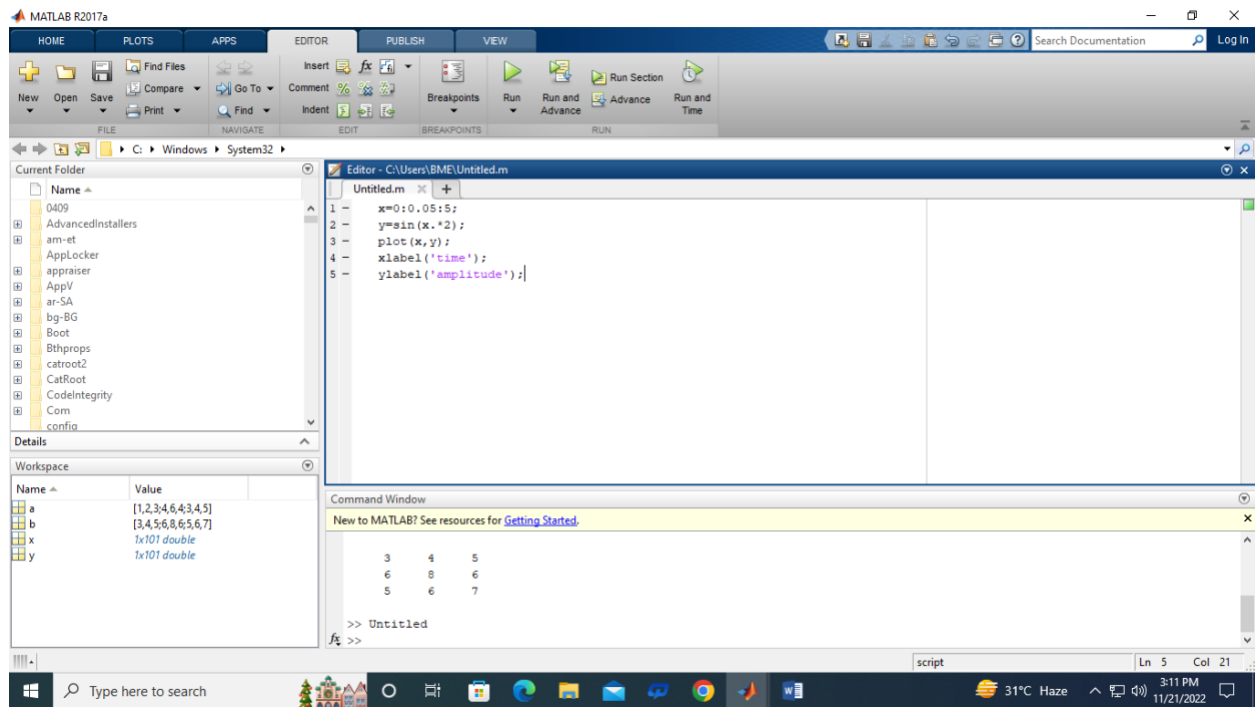




1(d)

SOURCE CODE

```
x=0:0.05:5;  
y=sin(x.*2);  
plot(x,y);  
xlabel('time');  
ylabel('amplitude');
```



1(e)**SOURCE CODE**

```
x=0:0.005:5;  
y=(x/2);  
plot(x,y);  
xlabel('time')  
ylabel('amplitude')
```

