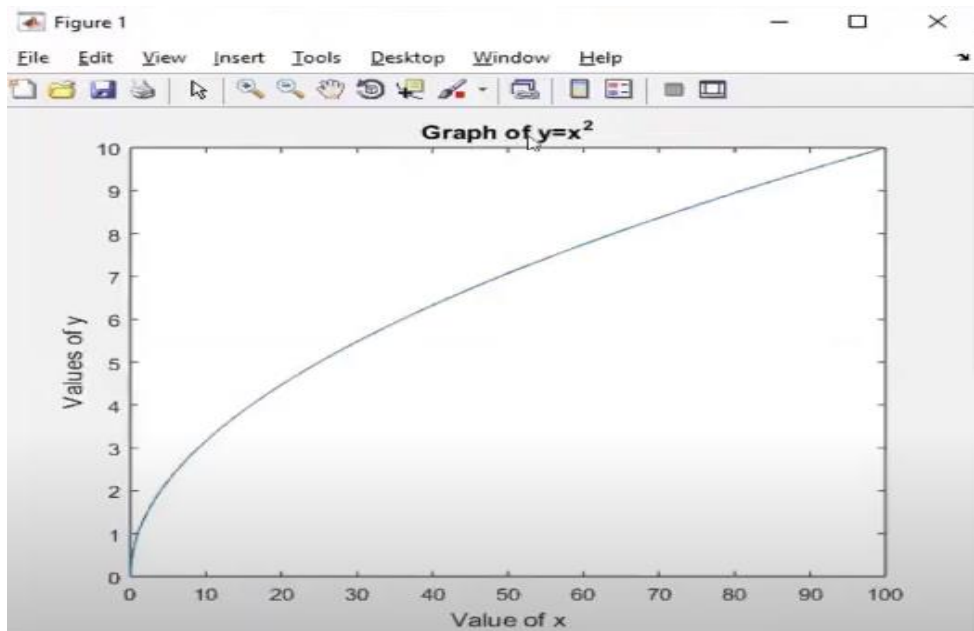




## Draw in MATLAB 2D,3D



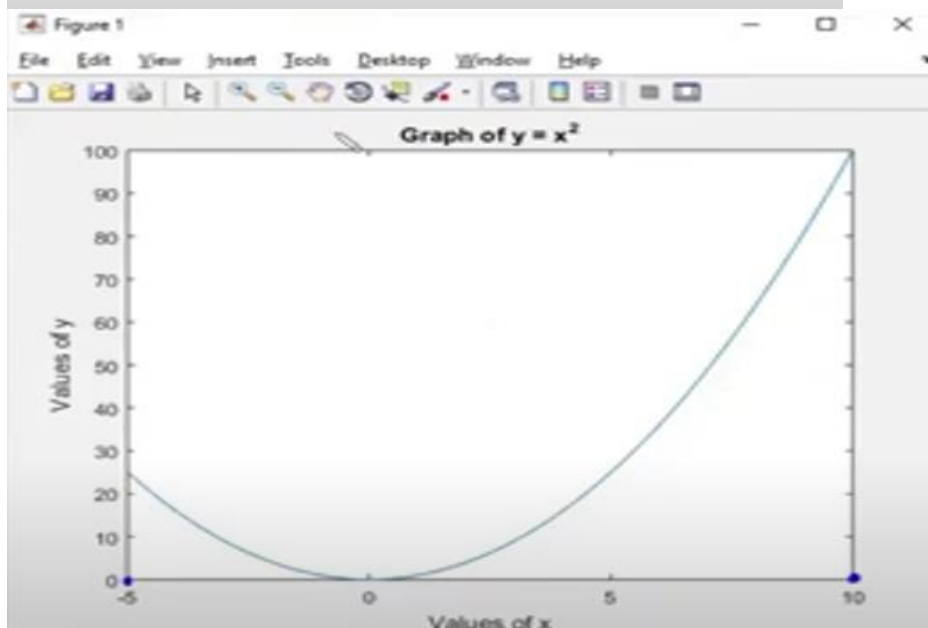
```
>> plot(y,x)
>> xlabel('Value of x')
>> ylabel('Values of y')
>> title('Graph of y=x^2')
>> title('Graph of $y=x^2$')
>> xlabel('Values of \alpha')
>> xlabel('Values of \beta')
>> grid on
```

I



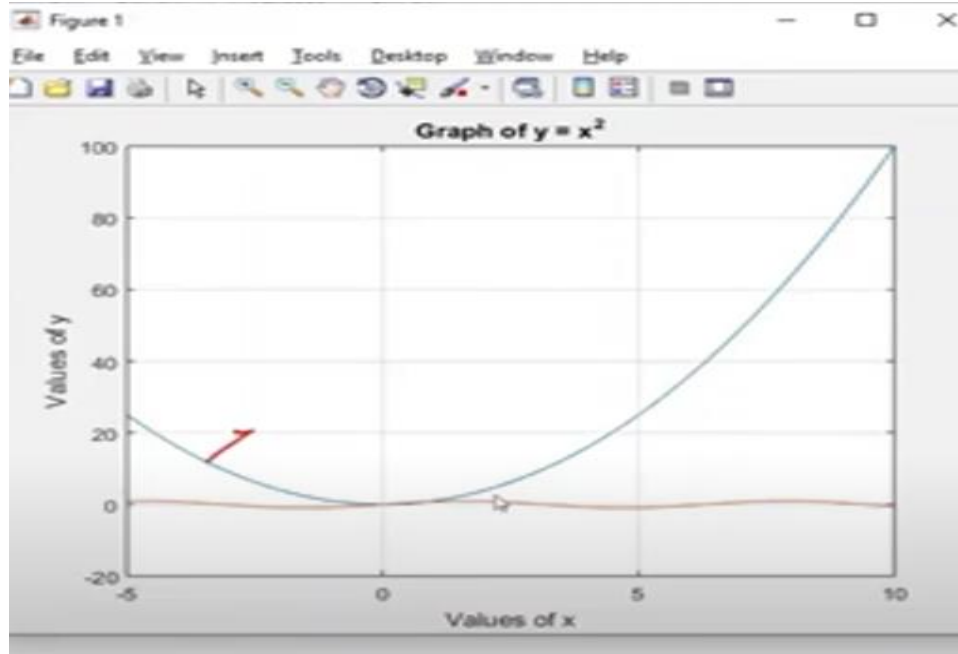
```
format short
clear all
clc

x = -5:0.1:10;
y=x.^2;
plot(x,y)
xlabel('Values of x')
ylabel('Values of y')
title('Graph of y = x^2')
```

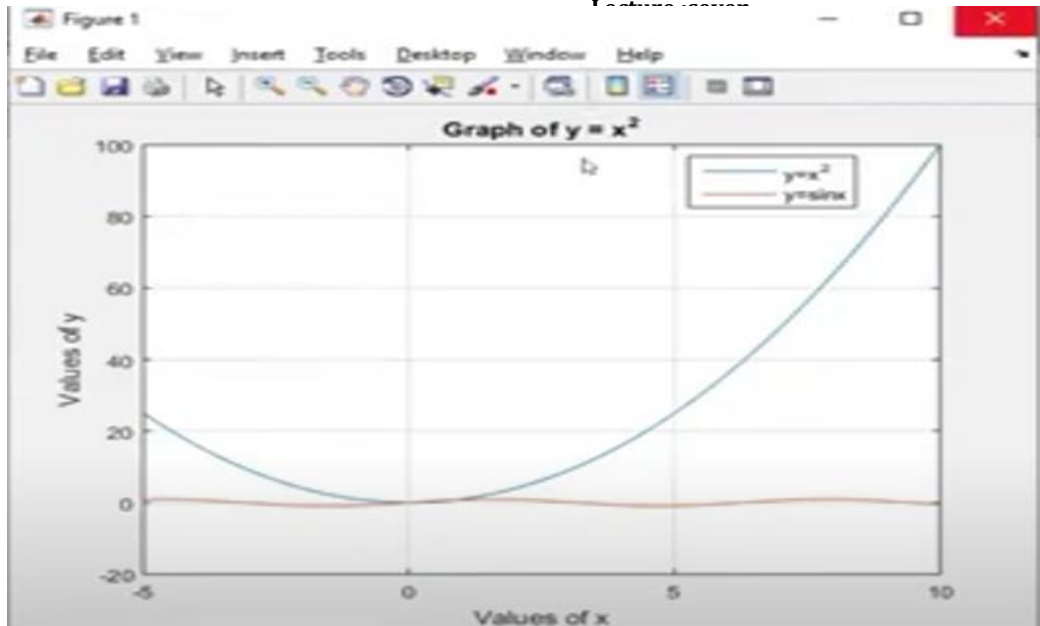


```
x = -5:0.1:10;
y=x.^2;
y1 = sin(x);
y2 = exp(x)+3;
plot(x,y, x, y1)

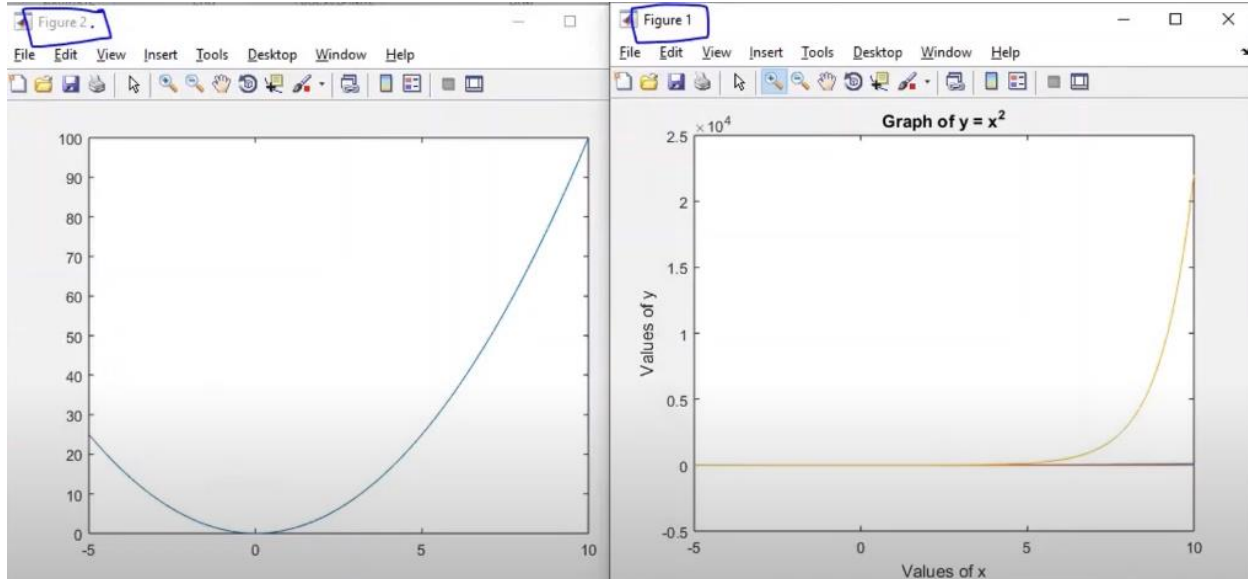
xlabel('Values of x')
ylabel('Values of y')
title('Graph of y = x^2')
grid on
```



```
x = -5:0.1:10;  
y=x.^2;  
y1 = sin(x);  
y2 = exp(x)+3;  
plot(x,y, x, y1)  
  
xlabel('Values of x')  
ylabel('Values of y')  
title('Graph of y = x^2')  
legend('y=x^2', 'y=sinx')
```

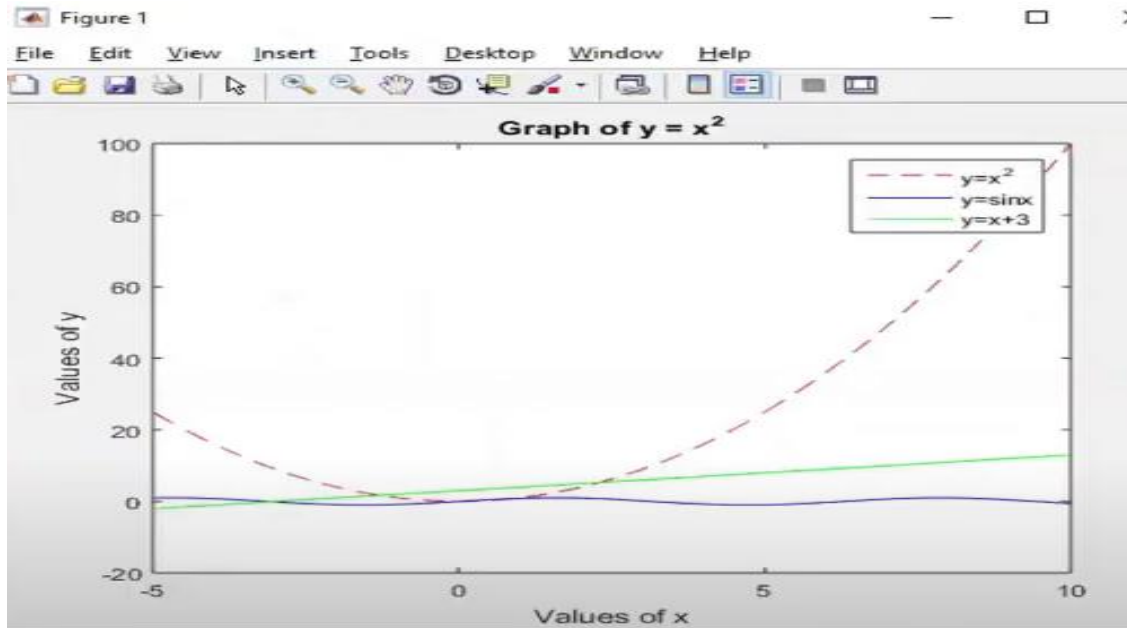


```
x = -5:0.1:10;  
y=x.^2;  
y1 = sin(x);  
y2 = exp(x)+3;  
figure(1)  
plot(x,y, x, y1, x, y2)  
xlabel('Values of x')  
ylabel('Values of y')  
title('Graph of y = x^2')  
%legend('y=x^2','y=sinx')  
  
figure(2)  
plot(x,y)  
hold on
```



```
y1 = sin(x);  
y2 = x+3;  
%figure(1)  
plot(x,y,'r', x, y1,'b', x, y2,'g')  
xlabel('Values of x')  
ylabel('Values of y')  
title('Graph of y = x^2')  
legend('y=x^2','y=sinx','y=x+3')
```

```
y1 = sin(x);  
y2 = x+3;  
%figure(1)  
plot(x,y,'--r', x, y1,'ob', x, y2,'|g')  
xlabel('Values of x')  
ylabel('Values of y')  
title('Graph of y = x^2')  
legend('y=x^2','y=sinx','y=x+3')
```



```
plot(x,y,'--r', x, y1,'o--b', x, y2,'*-g')  
xlabel('Values of x')  
ylabel('Values of y')  
title('Graph of  $y = x^2$ ')  
legend('y=x^2', 'y=sinx', 'y=x+3')
```

