

## ASSIGNMENT 1 - UNIT 1

### QUESTION 1

```
t1=-10:1:0  
t2=0:1:5
```

```
t2 = 1×6  
    0    1    2    3    4    5
```

```
t3=5:1:10
```

```
t3 = 1×6  
    5    6    7    8    9   10
```

```
x1=zeros(size(t1))
```

```
x1 = 1×11  
    0    0    0    0    0    0    0    0    0    0    0
```

```
x2=10.*ones(size(t2))
```

```
x2 = 1×6  
   10   10   10   10   10   10
```

```
x3=zeros(size(t3))
```

```
x3 = 1×6  
    0    0    0    0    0    0
```

```
x=[x,x2,x3]
```

```
x = 1×23  
    0    0    0    0    0    0    0    0    0    0    0   10   10   10   10    1
```

```
t=[t1,t2,t3]
```

```
t = 1×23  
  -10   -9   -8   -7   -6   -5   -4   -3   -2   -1    0    0    1    2    3
```

```
plot(t,x);  
ylim([-5,15])
```

