

```
>> x=[0 1 2 3 4 5 6 7 8 9 10]
```

```
>> i=[9 9 9 9 9 9]
```

```
>> y=[1 1 1 1 1 1 1 1 1 1 1]
```

```
>> h=[8 8 8 8 8 8]
```

```
>> b=[2 2 2 2 2 2 2 2 2 2 2]
```

```
>> n=[0 1 2 3 4 5]
```

```
>> c=[3 3 3 3 3 3 3 3 3 3 3]
```

```
plot(x,y,'r',x,b,'r',x,c,'r',x,d,'r',x,e,'r',x,f,'r',m,g,'r',m,h  
, 'r',m,i,'r',m,j,'r',m,k,'r',m,l,'r',n,g,'p',n,h,'p',n,i,'p',n,j,'  
p',n,k,'p',n,l,'p')  
>> axis([0 10 0 13])
```

```
>> d=[4 4 4 4 4 4 4 4 4 4 4]
```

```
>> e=[5 5 5 5 5 5 5 5 5 5 5]
```

```
>> f=[6 6 6 6 6 6 6 6 6 6 6]
```

```
>> g=[7 7 7 7 7 7 7 7 7 7 7]
```

```
>> h=[8 8 8 8 8 8 8 8 8 8 8]
```

```
>> i=[9 9 9 9 9 9 9 9 9 9 9]
```

```
>> j=[10 10 10 10 10 10 10 10 10 10 10]
```

```
>> k=[11 11 11 11 11 11 11 11 11 11 11]
```

```
>> l=[12 12 12 12 12 12 12 12 12 12 12]
```

```
>> m=[5,6,7,8,9,10]
```

```
>> l=[12 12 12 12 12 12]
```

```
>> g=[7 7 7 7 7 7]
```

```
>> k=[11 11 11 11 11 11]
```

```
>> j=[10 10 10 10 10 10]
```