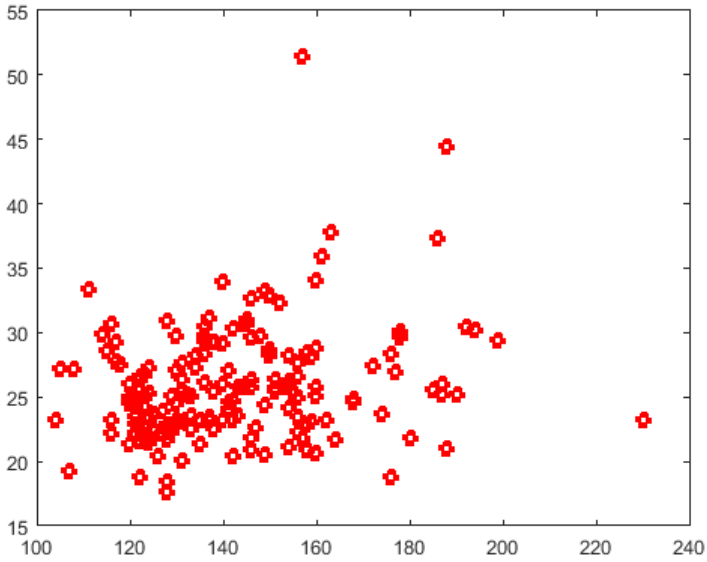
```
load cardiacdata.mat
a = cardiacdata2(:,4)
```

```
a = 163×1
    142
    140
    156
    154
    187
    123
    147
    140
    131
    128
      ⋮
```

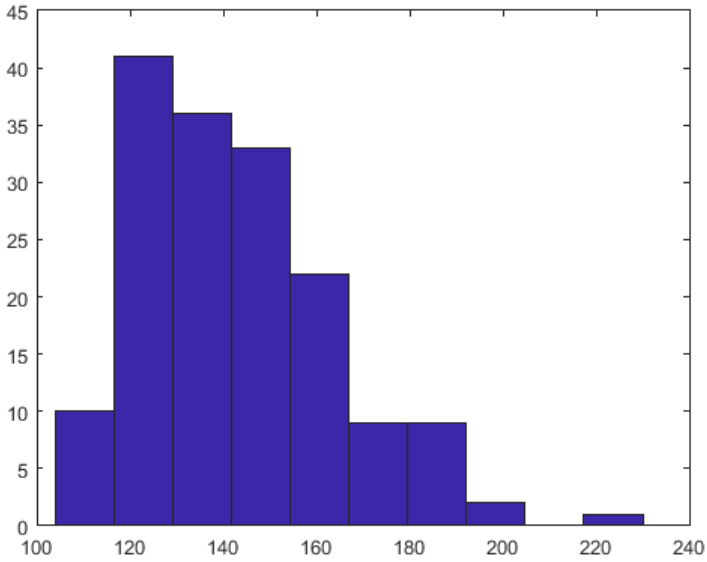
```
b = cardiacdata2(:,11)
```

```
b = 163×1
    24.6900
    26.0400
    26.5600
    26.2300
    26.0700
    26.7600
    22.6300
    23.2300
    20.0400
    22.5100
      ⋮
```

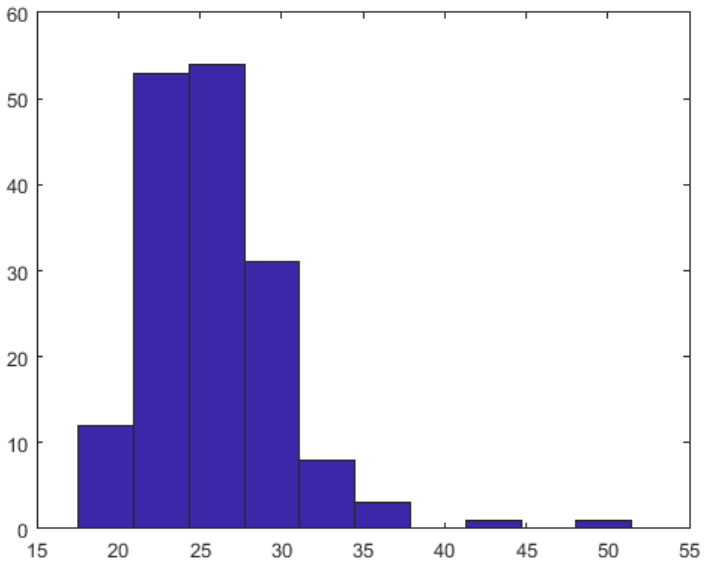
```
plot(a,b,"ro","LineWidth",3)
```



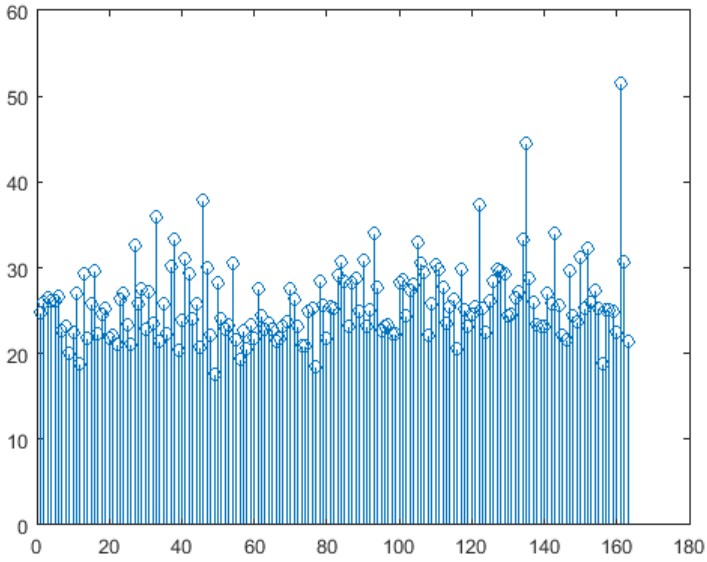
```
hist(a)
```



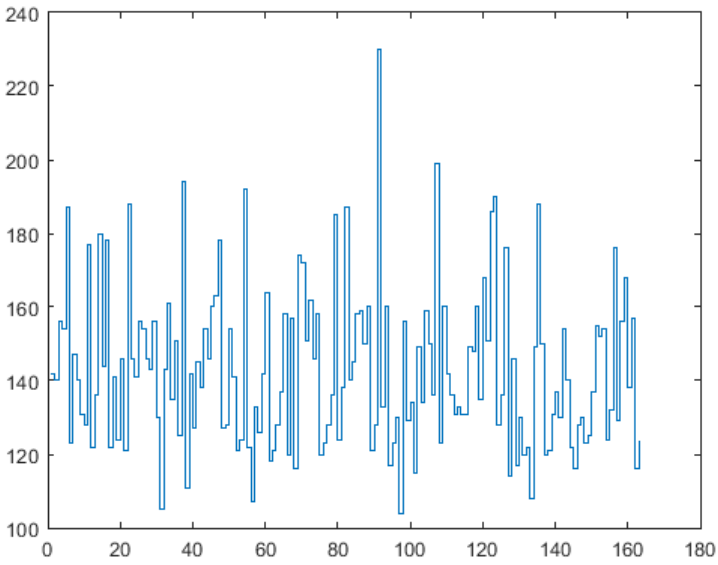

```
hist(b)
```



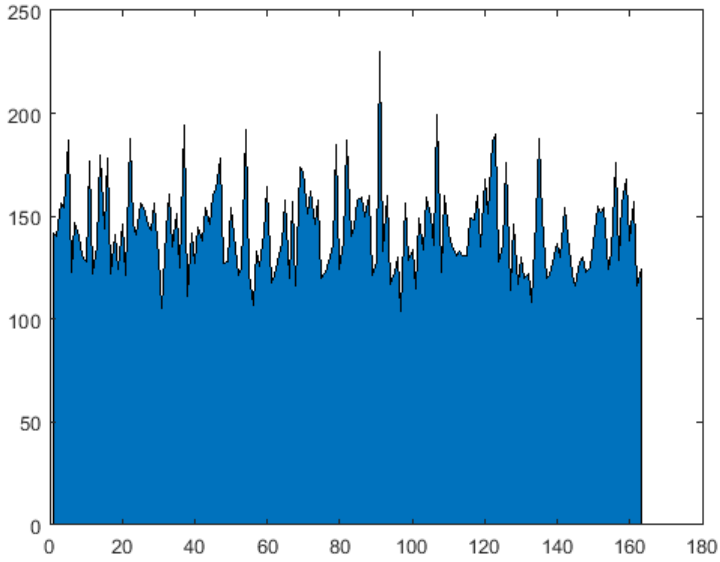

```
stem(b)
```



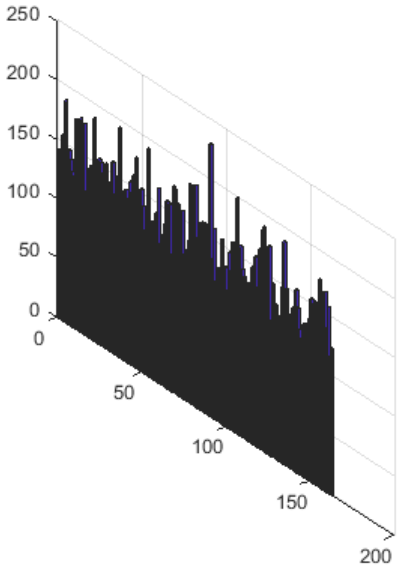

```
stairs(a)
```



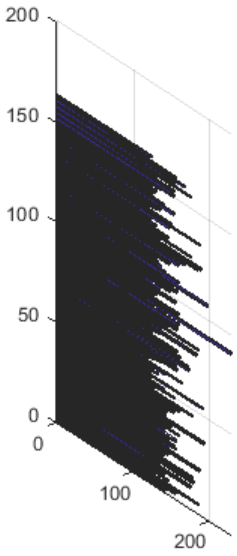

```
area(a)
```



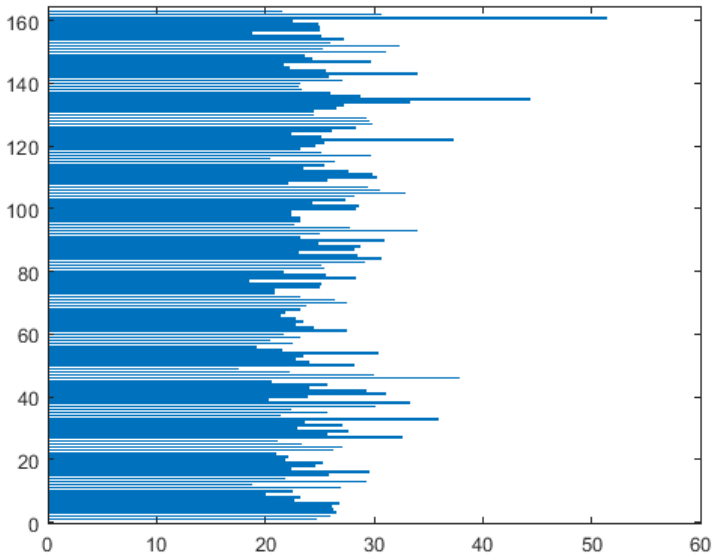

```
bar3(a)
```



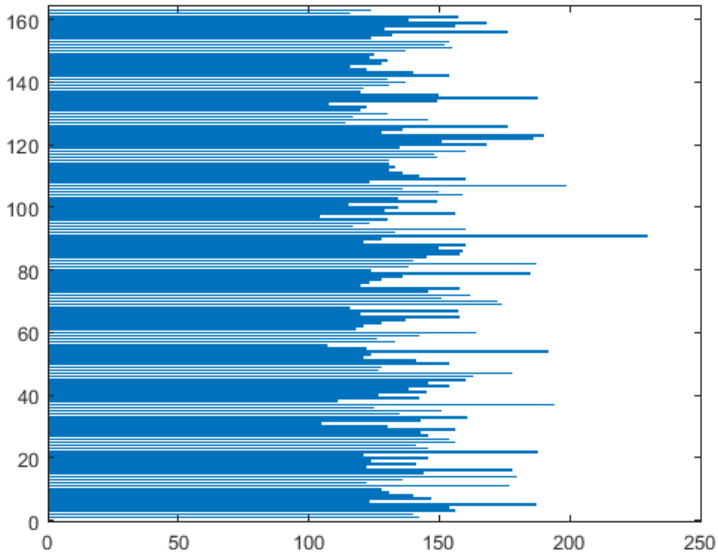

```
bar3h(a)
```


200
150
100
50
0
0
100
200

```
barh(b)
```


160
140
120
100
80
60
40
20
0
0
10
20
30
40
50
60

```
barh(a)
```




```
mean(a)
```

```
ans = 142.8773
```

```
cumsum(a)
```

```
ans = 163×1
         142
         282
         438
         592
         779
         902
        1049
        1189
        1320
        1448
        ⋮
```

```
sum(a)
```

```
ans = 23289
```

```
sum(b)
```

```
ans = 4.2182e+03
```