

```
x=c(13.6,2.8,2.9,3.8,15.9,1.7,3.4,13.7,6.1,16.8,7.9,3.5,2.2,4.1,3.2,2.9,3.7,2.9,2,2.9,11.2,1.9,2,6,2.9,7.7,5.1,13.2,3.8,13.9,2.4,7.9,1.4,5.9,6.5,11.8,13.2,2.8,6.9,0.7,12.9,3.6,3.6,8.1,17,8.2,9.8,13,11.3,4,6)
```

```
length(x)
```

```
min(x)
```

```
max(x)
```

```
plot(x)
```

```
lines(x)
```

```
barplot(x)
```

```
a=sort(x)
```

```
barplot(a)
```

```
hist(x)
```

```
hist(a)
```

```
hist(x, breaks = 5)
```

```
hist(x, breaks = 2)
```

```
hist(x, breaks = 10)
```

```
hist(x, breaks = 20)
```

```
-----
```

```
w=c(1,2,2,2,3,4,5,5,5,6,7,8)
```

```
mean(w)
```

```
median(w)
```

```
# To find mode
```

```
y=table(w)
```

```
y
```

```
1 2 3 4 5 6 7 8
```

```
1 3 1 1 3 1 1 1
```

```
names((y)[which(y==max(y))])
```

```
[1] "2" "5"
```

`var(w)`

`sd(w)`

`w=c(1,2,3,4)`

`sd(w)`

`w=c(2,4,6,8)`

`sd(w)`