

RStudio

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```
1 c1=c(76,35,47,64,95,66,89,36,84,76,35,47,64,95,66,89,36,84)
2 c2=c(51,56,84,60,59,70,63,66,50,51,56,84,60,59,70,63,66,50)
3 s1=mean(c1)
4 s1
5 s2=mean(c2)
6 s2
7 s3=median(c1)
8 s3
9 s4=median(c2)
10 s4
11 s5=range(c1)
12 s6=range(c2)
13 s6
14 boxplot(c1~c2,xlab="x values",ylab="y values",main="sample")
15 head(ToothGrowth)
16 boxplot(c1~c2,xlab="class c1",ylab="class b",main="class 9 maths performance")
```

7:14 (Top Level) R Script

Console Terminal Background Jobs

```
R 4.3.1 ~ -f
> s4=median(c2)
> s4
[1] 60
> s5=range(c1)
> s6=range(c2)
> s6
[1] 50 84
> boxplot(c1~c2,xlab="x values",ylab="y values",main="sample")
> head(ToothGrowth)
  len supp dose
1  4.2   VC  0.5
2 11.5   VC  0.5
3  7.3   VC  0.5
4  5.8   VC  0.5
5  6.4   VC  0.5
6 10.0   VC  0.5
> boxplot(c1~c2,xlab="class c1",ylab="class b",main="class 9 maths performance")
+
```

Environment History Connections Tutorial

R Global Environment

Values

c1	num [1:18] 76 35 47 64 95 66 89 36 84 76 ...
c2	num [1:18] 51 56 84 60 59 70 63 66 50 51 ...
s1	65.7777777777778
s2	62.1111111111111
s3	66
s4	60
s5	num [1:2] 35 95
s6	num [1:2] 50 84

Files Plots Packages Help Viewer Presentation

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sample

y values

x values