

RStudio

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```
1 c1=c(1,1,5,5,5,5,5,5,8,8,10,10,10,10,12,14,14,14,15,15,15,15,18,18,18,18,18,0,20,20,20,20,21,
2      21,21,21,25,25,25,25,25,25,28,28,30)
3 hist(c1)
4 c2=c(1,1,5,5,5,5,5,5,8,8,10,10,10,10,12,14)
5 c3=c(14,14,15,15,15,15,15,18,18,18,18,18,0,20,20,20)
6 c4=c(20,20,21,21,21,21,25,25,25,25,25,28,28,30)
7 s1=mean(c2)
8 s1
9 s2=mean(c3)
10 s2
11 s3=mean(c4)
12 s3
13 |
```

13:1 (Top Level) R Script

Console Terminal Background Jobs

```
R 4.3.1 - f
> c1=c(1,1,5,5,5,5,5,5,8,8,10,10,10,10,12,14,14,14,15,15,15,15,18,18,18,18,18,0,20,20,20,20,21,
+      21,21,21,25,25,25,25,25,25,28,28,30)
> hist(c1)
> c2=c(1,1,5,5,5,5,5,5,8,8,10,10,10,10,12,14)
> c3=c(14,14,15,15,15,15,15,18,18,18,18,18,0,20,20,20)
> c4=c(20,20,21,21,21,21,25,25,25,25,25,28,28,30)
> s1=mean(c2)
> s1
[1] 7.266667
> s2=mean(c3)
> s2
[1] 15.86667
> s3=mean(c4)
> s3
[1] 23.92857
> |
```

Environment History Connections Tutorial

Global Environment

Values
c1
num [1:44] 1 1 5 5 5 5 5 8 8 10 ...
c2
num [1:15] 1 1 5 5 5 5 5 8 8 10 ...
c3
num [1:15] 14 14 15 15 15 15 15 18 18 18 18 ...
c4
num [1:14] 20 20 21 21 21 21 25 25 25 25 ...
s1
7.26666666666667
s2
15.8666666666667
s3
23.9285714285714

Files Plots Packages Help Viewer Presentation

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Histogram of c1

The histogram displays the frequency of values for variable c1. The x-axis is labeled 'c1' and ranges from 0 to 30. The y-axis is labeled 'Frequency' and ranges from 0 to 8. The bars represent the frequency of values in bins of width 5. The frequencies are approximately: 0-5: 8, 5-10: 6, 10-15: 8, 15-20: 9, 20-25: 8, 25-30: 4.

Bin Range	Frequency
0 - 5	8
5 - 10	6
10 - 15	8
15 - 20	9
20 - 25	8
25 - 30	4