

RStudio

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Untitled1* x Untitled2* x

```
1 age <- c(13, 15, 16, 16, 19, 20, 20, 21, 22, 22, 25, 25, 25, 25, 30, 33, 33, 35, 35, 35, 35,
2 mean <- mean(age)
3 median <- median(age)
4 modality <- length(unique(age))
5 Q1 <- quantile(age,0.25)
6 Q3 <- quantile(age,0.75)
7 mode <- as.numeric(names(sort(table(age),decreasing = TRUE)[1]))
8 midrange <- (min(age)+max(age))/2
9 print(mean)
10 print(median)
11 print(mode)
12 print(midrange)
13 print(Q1)
14 print(Q3)
15
```

15:1 (Top Level) R Script

Console Terminal Background Jobs

```
R 4.3.1 - /-
> age <- c(13, 15, 16, 19, 20, 20, 21, 22, 22, 25, 25, 25, 25, 30, 33, 33, 35, 35, 35, 35, 36,
40, 45, 46, 52, 70)
> mean <- mean(age)
> median <- median(age)
> modality <- length(unique(age))
> Q1 <- quantile(age,0.25)
> Q3 <- quantile(age,0.75)
> mode <- as.numeric(names(sort(table(age),decreasing = TRUE)[1]))
> midrange <- (min(age)+max(age))/2
> print(mean)
[1] 29.96296
> print(median)
[1] 25
> print(mode)
[1] 25
> print(midrange)
[1] 41.5
> print(Q1)
25%
20.5
> print(Q3)
75%
35
```

Environment History Connections Tutorial

Global Environment

Values

age	num [1:27]	13 15 16 16 19 20 20 21 22 22 ...
frequency	num [1:6]	200 450 300 1500 700 44
m1		15.8
mean		29.962962962963
median		25
midrange		41.5
modality		17L
mode		25
p1		375
p2		17

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Name	Size	Modified
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l.cpp	1.7 KB	Nov 3, 2023, 9:01 PM
l.exe	130.6 KB	Nov 3, 2023, 9:40 PM
linked list odd data.cpp	1019 B	Nov 13, 2023, 10:28 PM
linked list odd data.exe	128.5 KB	Nov 13, 2023, 10:40 PM
ll.cpp	1.9 KB	Nov 4, 2023, 10:48 PM
min cost or min weight using dijkstra algorithm.cpp	1.8 KB	Nov 14, 2023, 2:37 AM
min cost or min weight using dijkstra algorithm.exe	129.8 KB	Nov 14, 2023, 2:37 AM
palindrome.cpp	1.7 KB	Nov 13, 2023, 9:55 PM
palindrome.exe	129.5 KB	Nov 13, 2023, 8:49 PM
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palindrome1.exe	128 KB	Nov 13, 2023, 9:02 PM
prims algorithm.cpp	576 B	Nov 14, 2023, 2:37 AM
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26°C Mostly cloudy

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