which.max returns the position of the element with the maximal value in a [vector](https://renenyffenegger.ch/notes/development/languages/R/data-structures/vector/index).

n <- c (31, 47, 18, 9, 25, 19, 62, 32)

pos\_max <- which.max(n)

print(pos\_max)

# [1] 7

n[pos\_max]

# [1] 62

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**R tabulate Function**

tabulate() function takes the integer-valued vector bin and counts the number of times each integer occurs in it.

tabulate(bin, nbins = max(1, bin, na.rm = TRUE))

bin: numeric vector or factor  
nbins: the number of bins to be used

> tabulate(c(3,5,4))

[1] 0 0 1 1 1

> tabulate(c(3,5,4,8),nbins=4)

[1] 0 0 1 1

> tabulate(c(3,5,4,8),nbins=8)

[1] 0 0 1 1 1 0 0 1