How to Plot from Two Vectors X, Y in R?

R – Draw Plot from Two Vectors

To draw a plot from two vectors in R, where one vector represents data points along X axis, and the other vector represents data points along Y axis, call plot() function and pass the two vectors as arguments to the plot() function.

In this tutorial, we will learn how to use plot() function to draw a plot from two vectors, with example programs.

Syntax

The syntax to draw a plot from two vectors: `x` , `y` using plot() function is

```
plot(x, y)
```

Please note that the `x` and `y` vectors must be numeric, and of same length.

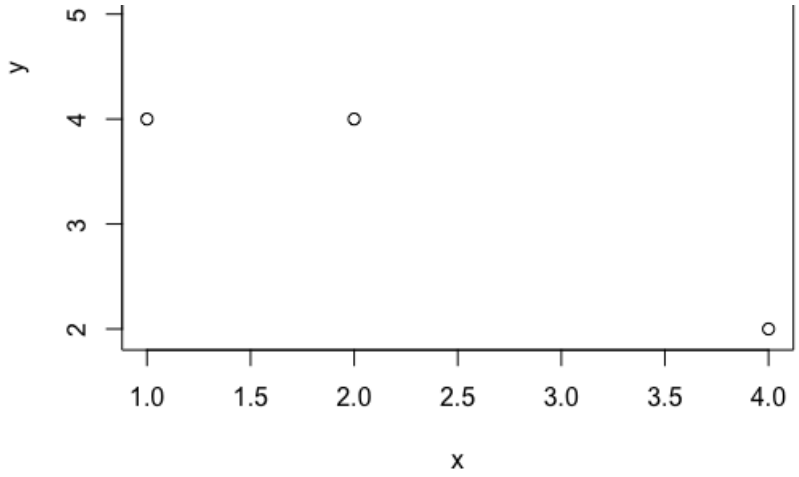
Example

In the following program, we will take two vectors in `x` and `y` , and plot Y vs X, using plot() function.

example.R

```
x <- c(1, 2, 3, 4)
y <- c(4, 4, 7, 2)
plot(x, y)
```

Output



Conclusion

In this R Tutorial, we learned how to plot a graph from two vectors in R, using plot() function, with the help of example program.

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