

Extract Substring from a String in R

Learn to extract Substring from a String in R programming language using substring() function.

Extract Substring from a String in R

Syntax of R substring function

```
substring(c, first, last)
```

where :

c is the string **first** is the starting position of substring (in the main string) to be extracted **last** is the ending position of substring (in the main string) to be extracted. last is optional, in which case last is taken as whole length of the string.

Example to extract Substring from a String in R

extract Substring from a String

```
# Example R program  
to find substring
```

```
# Example R program to find substring  
  
str = 'Hello World! Welcome to learning R programming language'  
  
#substring(c, first, last)  
subStr = substring(str, 13, 23)  
  
print (subStr)
```

Output

```
$ Rscript  
r_strings_substring.R
```

```
$ Rscript r_strings_substring.R  
[1] " Welcome to"
```

Example to extract Substring from a String in R without last position provided

extract Substring from a String

```
# Example R program  
to find substring
```

```
# Example R program to find substring

str = 'Hello World! Welcome to learning R programming language'

#substring(c, first, last=nchar(c))
subStr = substring(str, 13)

print (subStr)
```

Output

```
$ Rscript
r_strings_substring.R
```

```
$ Rscript r_strings_substring.R
[1] " Welcome to learning R programming language"
```

Conclusion :

In this [R Tutorial](#), we have learnt to find Substring from a String in R programming language using substring() function.

Home - Get Started

- [R Tutorial](#)
- [R Script File](#)
- [R Working Directory](#)
- [R Data Types](#)
- [R Variables](#)
- [R Operators](#)
- [R Vectors](#)
- [R Matrix](#)

Decision Making

- [R Decision Making](#)
- [R if](#)
- [R if..else](#)
- [R if..else if...else](#)
- [R switch](#)

Loops

↳ R Loops

↳ R repeat loop

↳ R while loop

↳ R for loop

↳ R break

Strings

↳ R Strings

↳ Find length of String in R

↳ Extract Substring from a String in R

↳ Concatenate two or more Strings in R

Functions

↳ R Functions

DataFrame

↳ R Data Frame

↳ Sort R Data Frame by Column

↳ For each row in an R Data Frame

↳ Import Excel Data into R Dataframe

↳ Convert R Dataframe to Matrix

↳ R Dataframe - Delete Rows

↳ R Dataframe - Drop Columns

↳ R Dataframe - Add Column

↳ R Dataframe - Change Column Name

↳ R Dataframe - Remove Duplicate Rows

↳ R Dataframe - Replace NA with 0

↳ Convert Matrix to R Dataframe

Handling Data from Files

↳ R CSV Files - Read, Filter, Write

↳ R Read Excel XLS XLSX files

Charts & Graphs

↳ R Pie Charts

↳ R Line Graphs

Statistical Analysis

↳ R Mean of a Vector

