

R Program to Take Input From User



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In this example, you'll learn to take input from a user using `readline()` function.

To understand this example, you should have the knowledge of following R programming topics:

- R Variables and Constants
- R Operators

When we are working with R in an interactive session, we can use `readline()` function to take input from the user (terminal).

This function will return a single element character vector.

So, if we want numbers, we need to do appropriate conversions.

Example: Take input from user

```
my.name <- readline(prompt="Enter name: ")
my.age <- readline(prompt="Enter age: ")
# convert character into integer
my.age <- as.integer(my.age)
print(paste("Hi,", my.name, "next year you will be", my.age+1, "years old."))
```

Output

```
Enter name: Mary
Enter age: 17
[1] "Hi, Mary next year you will be 18 years old."
```

Here, we see that with the `prompt` argument we can choose to display an appropriate message for the user.

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In the above example, we convert the input age, which is a character vector into integer using the function `as.integer()`.

This is necessary for the purpose of doing further calculations.