

R Program to Check if a Number is Odd or Even in R Programming



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In this example, a number entered by the user is checked whether it's an odd number or an even number.

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

- R if...else Statement
- R Operators
- R Variables and Constants

Example: Check Odd and Even Number

```
# Program to check if the input number is odd or even.  
# A number is even if division by 2 give a remainder of 0.  
# If remainder is 1, it is odd.  
num = as.integer(readline(prompt="Enter a number: "))  
if((num %% 2) == 0) {  
  print(paste(num,"is Even"))  
} else {  
  print(paste(num,"is Odd"))  
}
```

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Output 1

```
Enter a number: 89  
[1] "89 is Odd"
```

Output 2

```
Enter a number: 0  
[1] "0 is Even"
```

In this program, we ask the user for the input (an integer) which is stored in *num* variable.

If the remainder when *num* is divided by 2 equals to 0, it's an even number. If not, it's an odd integer.

This is checked using `if...else` statement.