

Topic/Title:



RB101 - Lesson 3 Practice Problem Questions

12/18/2022

Keywords/Questions:

!=
!
!!
?:
?.
String#[]=
String#gsub

Notes:

Describe the difference between ! and ?

in Ruby. And explain what would happen in the following scenarios:

what is != and where should you use it?

put ! before something, like !user_name

put ! after something, like words.uniq!

! indicates a mutating method when placed after a method name.

Can also change a truthy or falsey value to its opposite. Can mean "not"

? indicates a query method.

1. !=

value does not equal another.

2. !user_name would return true if the value was not the same as user_name

and false if it was the same in a conditional statement. Can also be used to turn an object into its opposite boolean value.

3. ! after a value would indicate mutation of that value, so after the operation, the array would only have the unique values. (This is dependent upon the method implementation - always check documentation)

4. ? before something means the something is the collection being queried.

5. ? after something means the term before it is the query.

6. !! before something would mean the value is true if it is true and false if it is false. Turns any object into its boolean equivalent.

myString = "Welcome to JavaScript!"

String#replace method

replaces the whole string!

To replace just part of it use

myString["JavaScript"] = "Ruby"

[]= (mutating)

or String#gsub (non-mutating)

puts myString

without !

=> "Welcome to Ruby!"

string = "abc"

string.replace("def")

=> "def"

Summary:

Practice with each operator/method to ensure a deep understanding of functionality and use cases.

