



# Ruby 101

## Ruby Basics: Strings

## Double Quoted Strings:

### Ruby Basics:

```
bank_account = 50

puts "You have"
puts bank_account
puts "dollars."

puts "You have #{bank_account} dollars."
...
puts "You have #{bank_account1 + bank_account2}
dollars."
```



## Adding Strings: (Concatenation)

```
name = "John"
```

```
puts "Your name is " + name + "."
```



Upper case or lower case:

```
"cat, dog, penguin".upcase
```

```
"CAT, DOG, PENGUIN"
```

```
"PICKLE, CARROT, MUSTARD".downcase
```

```
"pickle, carrot, mustard"
```



Split up a string:

```
my_sentence = "My sentence has lots of words to break up into  
individual elements."
```

```
words_in_my_sentence = my_sentence.split(" ")
```



Try it yourself:

Write a program that asks the user for a sentence, then counts the number of words, and tells the user the result. Make sure the output is in the form of a sentence.

Ruby Basics:



```
puts "Please type a sentence."  
user_sentence = gets  
number_of_words = user_sentence.split(" ").count  
puts "Your sentence had #{number_of_words} word#{number_of_words == 1 ? "." : "s."}"
```

