

ITSE 1394 – Ruby Program 1

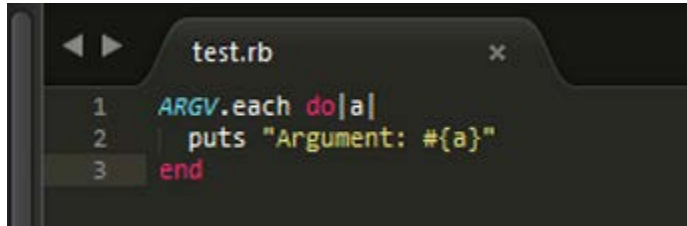


For Ruby Program 1, complete the following steps:

1. Install the Ruby language, the Rails framework, and other components using the Rails Installer (see the “Resources” section in Bb for the link to the Rails Installer and other course resources).
2. Personally, I have had the most success with the 2.0 version of the installer.
3. There are a number of suitable editors that can be used to write Ruby code. I prefer RubyMine which is a full featured IDE (Integrated Development Environment) for Ruby. As of 2014, it costs \$29 for an academic license.
4. Using the “Part One” content (see the graphic above) on the Ruby Programming site, write a Ruby program named `rubyprogram1.rb` that:
 - a. Runs from the command line and accepts 3 last names as arguments.
 - b. Includes a class named `Students`. Create an instance of the class.
 - c. Assigns the 3 names entered via the command line to 3 instance variables of the `Students` class.
 - d. Uses a method named `printNames` to output the names that were entered.
 - e. Test `rubyprogram1.rb` to ensure it operates correctly.
 - f. Submit `rubyprogram1.rb` to Bb by the due date.
 - g. See the `test.rb` example on the next page of this document for sample code to read arguments from the command line.

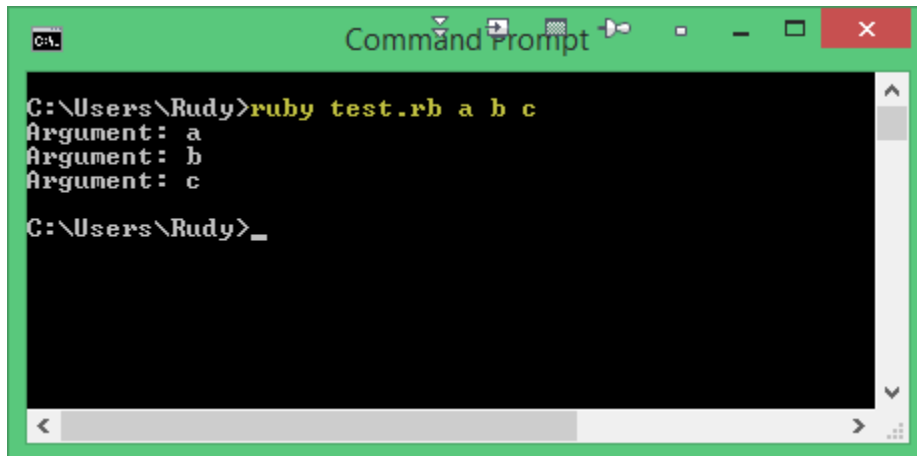
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Listing of test.rb which accepts arguments from the command line and prints them.

A screenshot of a code editor window titled 'test.rb'. The code is as follows:

```
1 ARGV.each do|a|  
2   puts "Argument: #{a}"  
3 end
```

Running the Ruby program test.rb from the command line.

A screenshot of a Windows Command Prompt window titled 'Command Prompt'. The prompt shows the execution of the Ruby program with three arguments: 'a', 'b', and 'c'. The output is as follows:

```
C:\Users\Rudy>ruby test.rb a b c  
Argument: a  
Argument: b  
Argument: c  
C:\Users\Rudy>_
```



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