Ruby programming language

1 Examples

1. `tryruby.org`
2. Write a code that define a string, than reverse and than write it number of characters times. Put all three result on the screen. Use methods *reverse, length, **. Remember that string could be multiply.
3. Write a code that works on following rules:
   - Water will flow (speed 50) if valve is on (true) and the water is available (true).
   - If valve is off (false) the comment should be seen on the screen - "Valve is off"
   - If water is not available the comment should be seen on the screen - "There is no water"
   - If the speed of the flow is grater than 50 warning should be seen on the screen = "Warning. Flow speed over 50!" and actual flow speed.
   - If the speed of the flow is lower than 50 warning should be seen on the screen = "Warning. Flow speed lover than 50!" and actual flow speed.

2 Homework

1. Find few interesting examples of app written in Ruby. Why they are interesting?
2. Install Ruby on your home computer and write an Report with information:
   (a) Your personal data
   (b) Operating system and parameters of your computer
   (c) The address of the website with the Ruby install instruction

Rysunek 1: Kontrola wersji jako lista zmian w plikach źródłowych: źródło:http://git-scm.com/book/en/v2/Getting-Started-Git-Basics

(d) What version did you install?

(e) Did you face any snags or bigger problems. What are they? If any how did you find a solution.

3. Choose editor to write your code into (Sublime 2)? Which one did you choose?

4. Write your source code test.rb which includes the following code:

```
puts "I am great!"
```

in you editor.

5. Run the code in command line

```
ruby test.rb
```

3 Literatura obowiązkowa

1. Peter Norvig *Teach Yourself Programming in Ten Years* `http://norvig.com/21-days.html`