

Quiz 14- Regular Expressions

1. What is a Regular Expression?

(This was discussed in lecture "Intro to Regular Expressions")

- a. A common saying in daily conversation.
- b. A way to search for elements in an array.
- c. A search pattern for text.
- d. A way to write comments in Ruby.

Correct Answer: Option c – A search pattern for text.

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Good job!

Option d – Incorrect answer. Please try again.

2. Which method searches a string for all occurrences of a regular expression?

(This was discussed in lecture "The scan Method")

- a. find
- b. locate
- c. detect
- d. scan

Correct Answer: Option d - scan

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

Option d – Good job!

3. If you want to match any single digit in a string using a regular expression, which symbol would you use?

(This was discussed in lecture "The Digit Symbol")

- a. d
- b. #
- c. *
- d. \d

Correct Answer: Option d - \d

Explanation:

Option a – Close! But that would actually find all "d" characters, not digits.




Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

Option d – Good job!

4. Which symbol in regular expressions matches any single character?

(This was discussed in lecture "The Wildcard Symbol")

- a. 
- b. 
- c. 

d. ☐

Correct Answer: Option a - ☐

Explanation:

Option a – Good job!

Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

Option d – Incorrect answer. Please try again.

5. What's the difference between the `gsub` and `sub` methods?

(This was discussed in lecture “The sub and gsub Methods with Regular Expressions”)

a. `gsub` replaces all occurrences, while `sub` replaces only the first occurrence.

b. `sub` replaces all occurrences, while `gsub` replaces only the last occurrence.

c. There is no difference between the two methods. They are aliases for one another.

Correct Answer: Option a - `gsub` replaces all occurrences, while `sub` replaces only the first occurrence.

Explanation:

Option a – Good job!

Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

6. Which regular expression symbol matches 1 or more occurrences of the previous element?

(This was discussed in lecture “The scan Method”)

a. ☐

b. ☐

c. ☐

d. ☐

Correct Answer: Option c - ☐

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Good job!

Option d – Incorrect answer. Please try again.