

Quiz: Regex Five Key Points

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1. What will be the first match?

Pattern: `\bcar\b/\bcarpet\b`

Text: *carpet and car*

- a. carpet
- b. car
- c. There is no match for this Pattern

2. What will be the first match?

Pattern: `apple/banana/carrot`

Text: *carrot banana apple*

- a. apple
- b. banana
- c. carrot

3. Greedy happens only when using * Quantifier

- a. True
- b. False

4. What is the difference between `(\w+)` and `(\w)+`?

- a. `(\w+)` => Captures words and makes the last captured word available in the group
`(\w)+` => Captures words and makes the last captured character available in the group
- b. `(\w+)` => Captures words and makes the last captured character available in the group
`(\w)+` => Captures words and makes the last captured word available in the group
- c. Both are same

5. What are the group numbers assigned to each group in this pattern?

Pattern: `(?P<alpha>[a-z]+)([0-9]+)`

- a. Group `(?P<alpha>[a-z]+)` is assigned group number 1
Group `[0-9]+` is assigned group number 2
- b. Group `(?P<alpha>[a-z]+)` is assigned group number 0
Group `[0-9]+` is assigned group number 1

6. Group capture can be disabled if values captured in groups are not used

- a. True
- b. False

Answers

1. a. This pattern is looking for complete words car or carpet.
2. c. Regular Expression Engine prioritizes finding a match in the text
3. b. Anytime *,+,?, {n,m} type quantifiers are used, it can result in greedy capture
4. a
5. a. Group 0 refers to entire match. Remaining groups are numbered left to right
6. a