IRC_JAVA_MCQ_REGEX

Test Summary

- No. of Sections: 1
- No. of Questions: 15
- Total Duration: 30 min

Section 1 - MCQ

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- No. of Questions: 15
- Duration: 30 min

Additional Instructions:

None

Q1. Java provides the _____ package for pattern matching with regular expressions.

- regex
- java.regex
- util.regex
- java.util.regex

Q2. Subexpression S is used for?

- Matches the word characters
- Matches the whitespace
- Matches the non-whitespace
- Matches the nondigits

Q3. Which method returns the start index of the previous match?

- public int start(int group)
- public int end()
- public int end(int group)
- public int start()

Q4. What is the use of public boolean find()?

- Attempts to find the next subsequence of the input sequence that matches the pattern.
- Attempts to match the input sequence, starting at the beginning of the region, against the pattern.
- Attempts to match the entire region against the pattern.
- None of the listed options.

Q5. Which class of objects is utilized to compile regular expressions?

- Matcher class
- Pattern class
- String class
- None of the listed options

Q6. The method that performs the search-and-replace operation to strings for pattern matching is

- searchandreplace()
- add()
- edit()
- replace()

Q7. Which of the following is not a class of java.util.regex?

- Pattern class
- matcher class
- PatternSyntaxException
- Regex class

Q8. What is the significance of Matcher class for a regular expression in java?

- interpretes pattern in the string
- Performs match in the string
- interpreted both patterns and performs match operations in the string

None of the listed options.

Q9. Which capturing group can represent the entire expression?

group *

group 0

group * or group 0

None of the mentioned

Q10. Which of the following matches nonword character using regular expressions in java?

\w

\W

\s

\S

Q11. Which of the following matches the end of the string using regular expression in java?

\z

\\

*

\Z

Q12. Which of the following statements about the regex API are true?

Instances of the Pattern class are used to match character sequences against a given pattern

The package java.util.regex includes an exception called PatternSyntaxException

Instances of Matcher class are used to represent regular expressions in the form of String type

None of the above

Q13. What does public int start() return?

returns start index of the input string

returns start index of the current match

returns start index of the previous match

None of the mentioned

Q14. What does public int end(int group) return?

offset from the last character of the subsequent group

offset from the first character of the subsequent group

offset from the last character matched

offset from the first character matched

Q15. What does public String replaceAll(string replace) do?

Replace all characters that match pattern with a replacement string

Replace the first subsequence that matches the pattern with a replacement string

Replace all other than the first subsequence of that matches pattern with a replacement string

Replace every subsequence of the input sequence that matches pattern with a replacement string

Answer Key & Solution

Section 1 - MCQ

Q1 java.util.regex

Solution

No Solution

Q2 Matches the non-whitespace

Solution

No Solution

Q3 public int start()

Solution

No Solution

Q4 Attempts to find the next subsequence of the input sequence that matches the pattern.

Solution

No Solution

Q5 Pattern class

Solution

No Solution

Q6 replace()

Solution

No Solution

Q7 Regex class

Solution

No Solution

Q8 interpreted both patterns and performs match operations in the string

Solution

No Solution

Q9 group 0

Solution

No Solution

Q10 \W

Solution

No Solution

Q11 \z

Solution

No Solution

Q12 The package java.util.regex includes an exception called PatternSyntaxException

Solution

No Solution

Q13 returns start index of the previous match

Solution

No Solution

Q14 offset from the last character of the subsequent group

Solution

No Solution

Q15 Replace every subsequence of the input sequence that matches pattern with a replacement string

Solution

No Solution