

Q1: Which of the following methods of the String class is used to compare two strings, ignoring case differences?

- a) ``equals()`
- b) ``compareTo()`
- c) ``equalsIgnoreCase()`
- d) ``compare()`

Q2: What is the purpose of the ``substring()` method in the String class?

- a) To replace a portion of the string with another string.
- b) To extract a portion of the string and return it as a new string.
- c) To check if a string contains a specific substring.
- d) To convert a string to lowercase.

Q3: Which of the following statements correctly creates a String object in Java?

- a) `String str = new String('hello');`
- b) `String str = "hello";`
- c) `String str = String("hello");`
- d) `String str = new string("hello");`

## Answer Key

Q1: c

Q2: b

Q3: b