Quiz 2.5

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Problem 1

1/1 point (graded)

Given the following JavaScript, what would be printed to the console?

```
var message = 'The quick brown fox jumped.';
console.log(message.search('fox'));
console.log(message.search('dog'));
```

- `true` and `false`
- `0` and `-1`
- `16` and `-1` ✔
- `'fox'` and `null`

Answer
Correct:
The `search` function determines whether the argument can be found within the string. If so, it returns the index at which the argument starts; if not, it returns `-1`.

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✔ Correct (1/1 point)

Problem 2

1/1 point (graded)

Given a string variable named `str` with value `'abc1'`, which of the following will return true?

- `/[a-z][a-z0-9][0-9]/.test(str)` ✔
- `/[0-9][a-z]/.test(str)`
- `/[0-9][a-z0-9]/.test(str)`
- `/[a-z][0-9][a-z0-9]/.test(str)`

Answer
Correct:
This regular expression means "a lowercase letter; followed by a lowercase letter or digit; followed by a digit," which matches "bc1" at the end of the string. None of the other regular expression patterns match this string.

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✔ Correct (1/1 point)

Problem 3

1/1 point (graded)

Given a string variable named `str` with value `'abc1def2'`, which of the following will return true?

- `/^[a-z][a-z0-9]*[0-9]$/.test(str)` ✔
- `/[0-9][a-z]$/.test(str)`
- `/^[0-9][a-z0-9]*$/.test(str)`
- `/[a-z][0-9][a-z0-9]$/.test(str)`

Answer
Correct:
This regular expression means "starts with a lowercase letter; followed by 0 or more lowercase letters and digits; ends with a digit," which matches this string. None of the other regular expression patterns match this string.

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✔ Correct (1/1 point)

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