O'REILLY®

oscon

oscon_code.game

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<h1>Austin,TX</h1>
<p>May 8–11,2017</p>
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How to Play

Collect all 10 game cards from participating sponsor booths, solve the function question on at least 8 of the cards, and be among the first to submit your completed game cards to the Game Redemption station to win.

Prize

The first 500 players who correctly solve and submit their game cards will win an OSCON-branded hoodie.

Game Guidelines

1. You must be an OSCON 2017 attendee and have a valid badge to be eligible to participate. Expo Hall Plus pass holders, members of the media, event staff and crew, exhibitor/sponsor booth staff, and employees of O'Reilly Media are not eligible to participate.
2. Each eligible participant must collect all 10 game cards and correctly answer the multiple choice function question on 8 game cards. We will mark the pieces submitted by each prize winner to ensure that they cannot be used in another entry.
3. The first 500 eligible participants who collect all 10 cards, correctly answer 8 function questions, and present their completed key to the O'Reilly booth in the Expo Hall during regular hours on Thursday will receive one hoodie (sizes subject to availability).
4. You will not be required by exhibitors, sponsors, or staff members to provide any personal information to collect the game cards. This includes badge scanning.
5. O'Reilly Media reserves the right to cancel or modify this promotion if for any reason it cannot be conducted as described. All decisions by O'Reilly are final.
6. Contest is void where prohibited by law.

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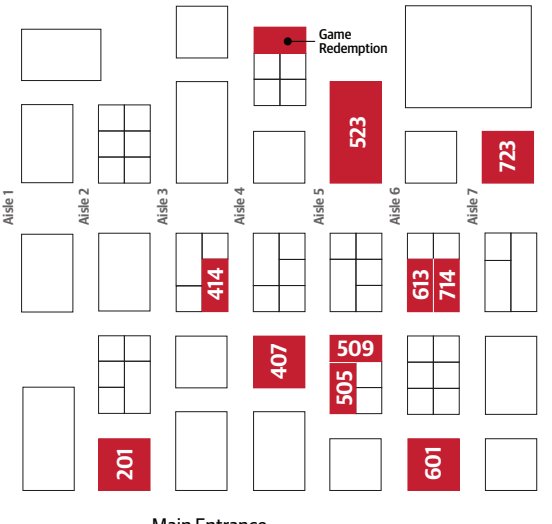
Collect all 10 game cards and correctly solve 8 of the 10 functions to win an OSCON-branded hoodie.

Expo Hall Map



#201 Akamai

#407 Salesforce.com

#414 Stack Overflow

#505 Sauce Labs

#509 SAP

#523 O'Reilly Media

#601 Amazon Web Services

#613 DigitalOcean

#714 Indeed

#723 PayPal

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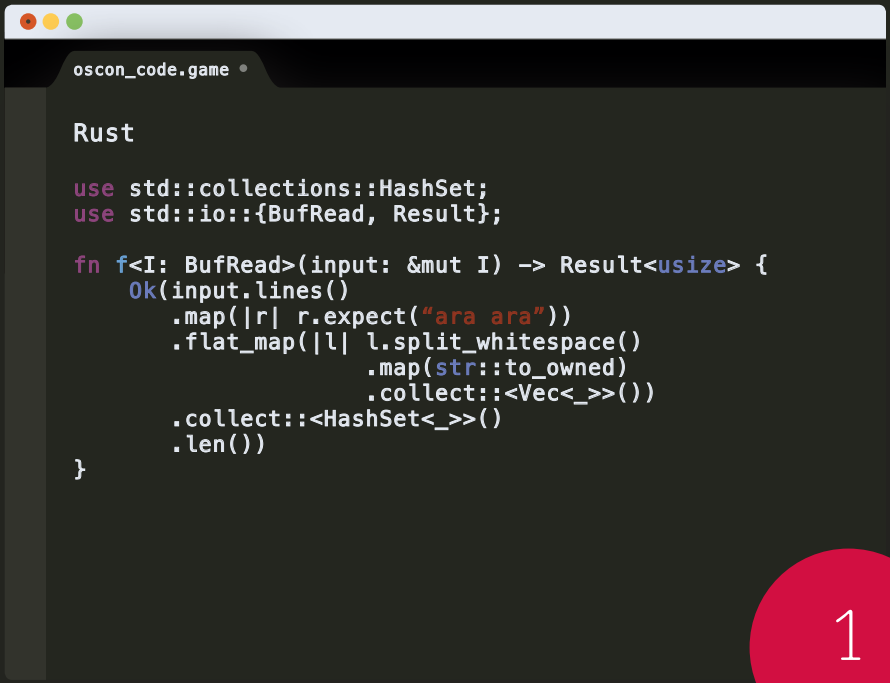

1. This function reads input. What else does it do?

(Circle one):

A. Counts the number of white-space-separated "words"

B. Counts the number of distinct "words"

C. Finds the "word" that appears most frequently

D. Finds the longest line

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stackoverflow

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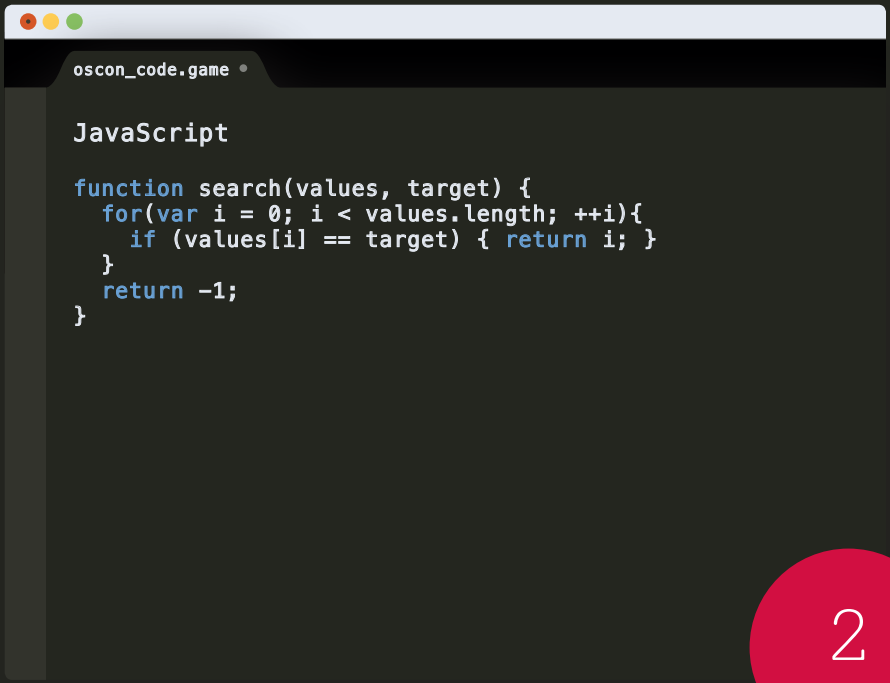

2

2. What does this function do?

(Circle one):

A. Depth-first search

B. Binary search

C. Merge search

D. Linear search

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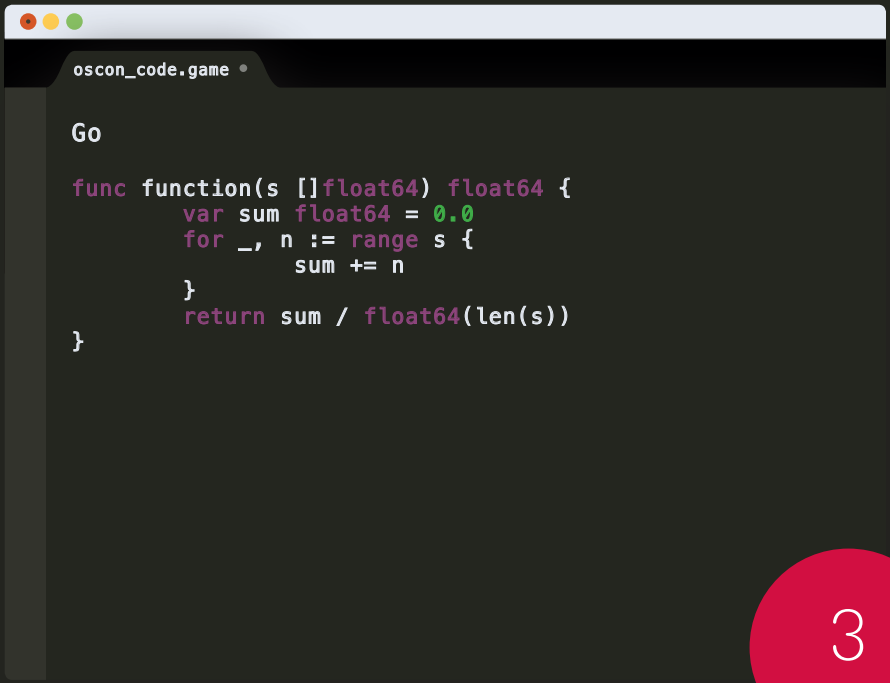

3. What does this function do?

(Circle one):

A. Sums the contents of a slice

B. Finds the maximum value in a slice

C. Averages the contents of a slice

D. Appends values to a slice

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Akamai DEVELOPER

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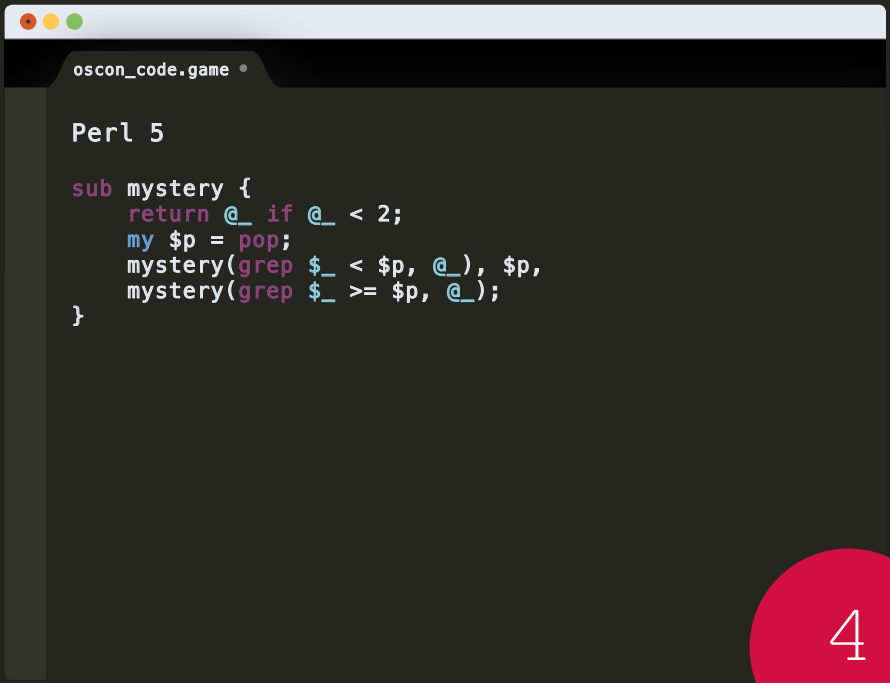

4. What does the mystery subroutine do?

(Circle one):

A. Binary search

B. Merge sort

C. Removes items that are too large or too small

D. Quick sort

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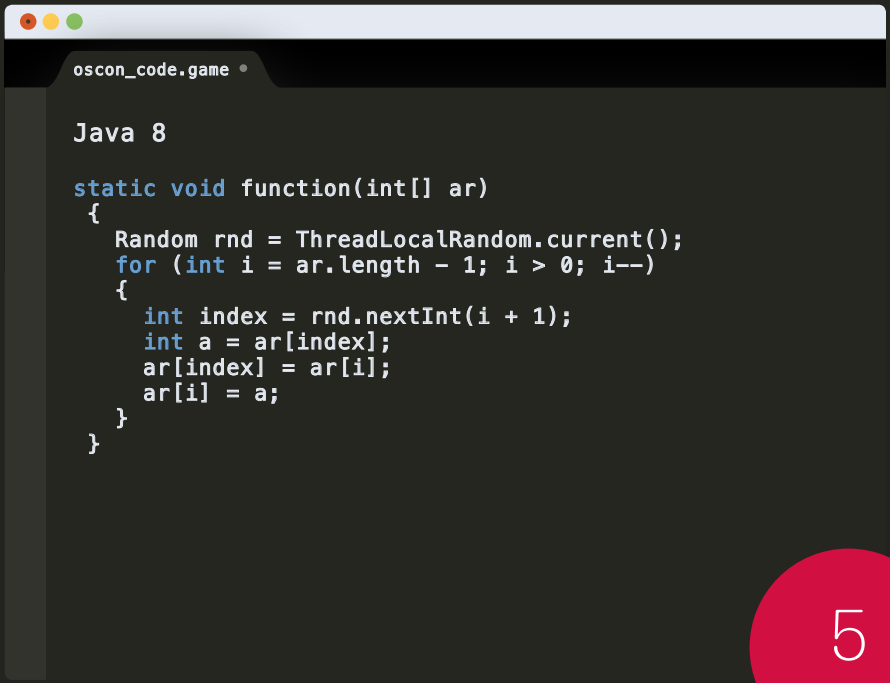

5. What does this function do?

(Circle one):

A. Merge sort

B. Shuffle

C. Increases size of array

D. Decreases size of array

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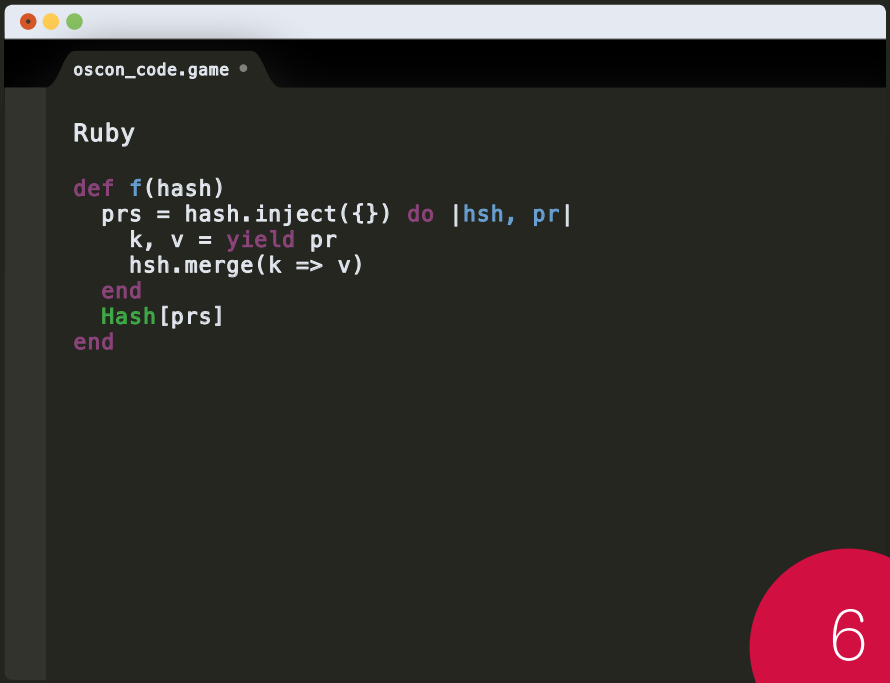

6. What does this function do?

(Circle one):

A. Reverses an array

B. Administers a booster shot

C. Enters a freeway safely

D. Transforms a hash

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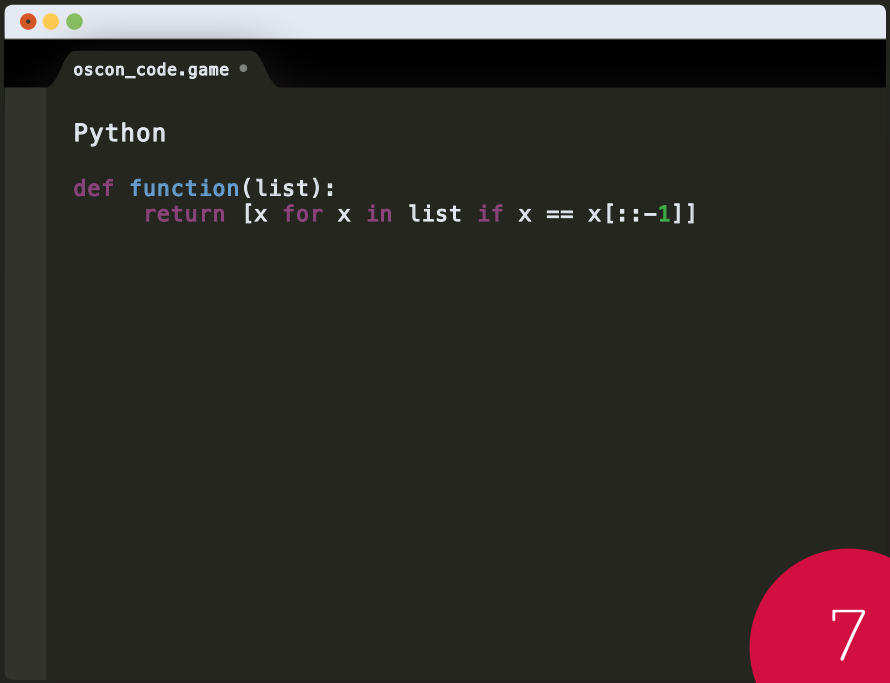

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7. What does this function do?

(Circle one):

A. Finds and returns all palindromes within the given list

B. Reverses all strings in the given list

C. Swaps the first and last letter in each word in the given list

D. Returns a list of anagrams for each word in the given list

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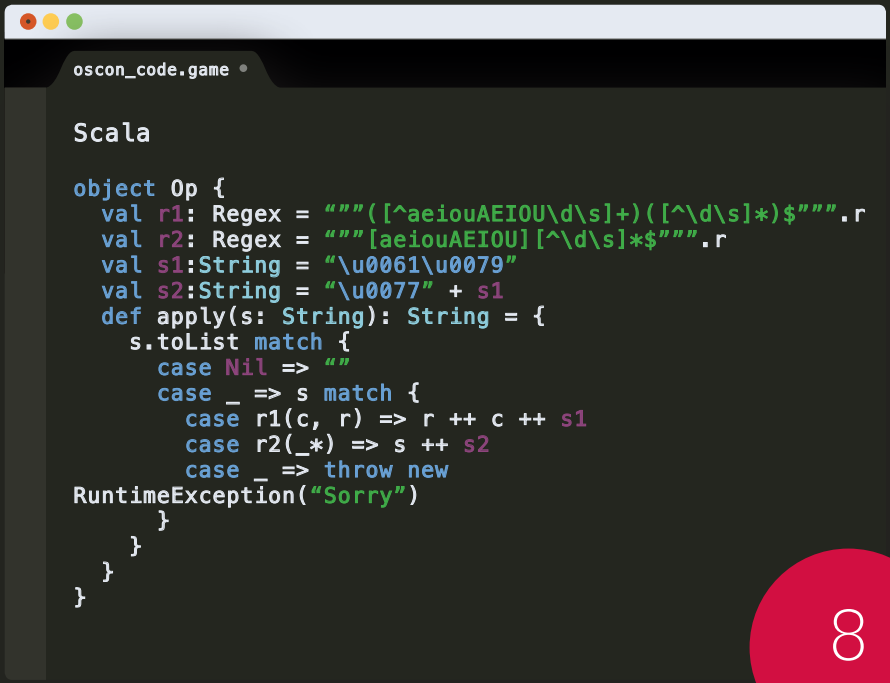

8. What does this function do?

(Circle one):

A. Converts a given String to a JavaScript-based String

B. Converts a Unix/MacOSX String format into a Windows String format

C. Converts a word into the children's language equivalent called "Pig Latin"

D. Converts a given String to IPV6 format since IP numbers are running out

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Swift

```swift
import Foundation

let i = "Hellø, Swift"

let t = i.precomposedStringWithCanonicalMapping

let c = t.utf8.map({UnicodeScalar($0+2)})
let j = i.utf8.map({UnicodeScalar($0+1)}).count / 2

var d = String(repeating: String(describing: c[j]), count: j)

d.append(Character("🇦🇺🇺🇸"))

let result = "\(d): \(d.characters.count)"
```

9. What is the value of "result"?

(Circle one):

A. ..... 🇦🇺🇺🇸 : 7

B. ..... 🇦🇺🇺🇸 : 8

C. """""""" 🇦🇺🇺🇸 : 7

D. """""""" 🇦🇺🇺🇸 : 8

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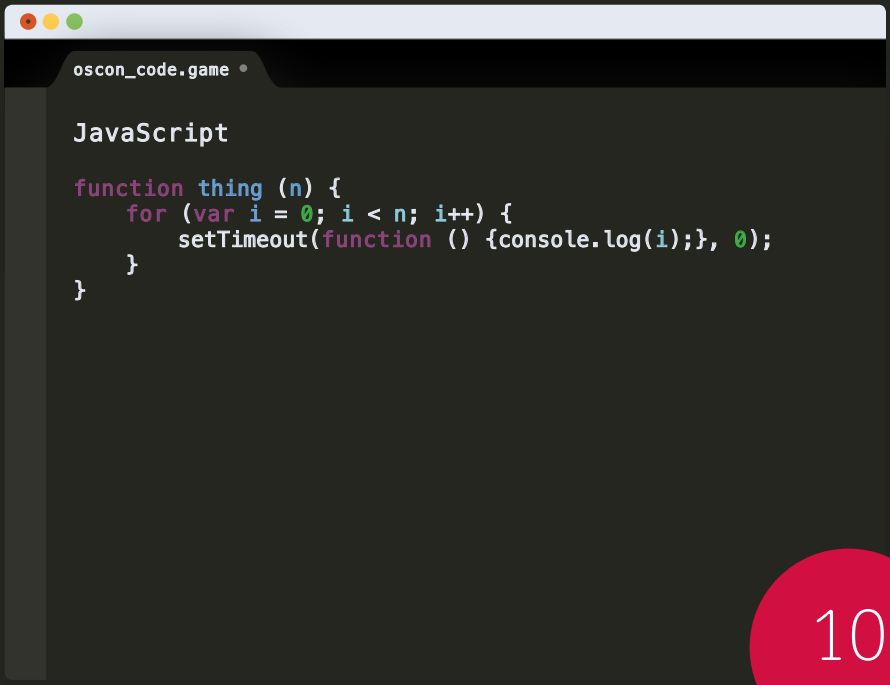

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10. What does this function do?

(Circle one):

A. Prints numbers 0 through n

B. Prints n n time

C. Prints 0 n times

D. Prints nothing

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