Exercise 7: Function Documentation

Let's try your hand at documenting functions. Imagine you are documenting a JavaScript SDK for a social network. Below are the functions you need to document along with notes from talking to the development team. Open up a word processor and get started.

Example You Can Use as a Template

Here's an example you can use as a template. Note how I tried to make the notes flow better. Also, even though no one said what the data types were, it's something you should be able to figure out.

- getFriendDistance(username)

Notes from dev team: Any user is some "degrees of separation" from another user. If they are friends, the distance is 1. If they are friends of friends, the distance is 2. This function returns the distance from the current user to the specified user. If there is no connection between the users, then it returns NaN.

Documentation:

getFriendDistance(username)

Returns the "degrees of separation" between the specified user and the current user.

Any user is some "degrees of separation" from another user. For example, if they are friends, the distance is one, and if they are friends of friends, the distance is two. This function returns the distance from the specified user to the current user. If there is no connection between the users, then it returns NaN.

Parameters:

- **username**
  Type: String
  Username of the user to get the distance from

Returns:

  Type: Number
  Number of degrees of separation between the users

Information from the Developer Team

- **logout()**

For logging out the current user.

(Hint: No return value was mentioned, so you can skip the Returns section. And no parameters, so you can skip the Parameters section. And no remarks, so you can skip this, too. This one is super easy! Just remember that summaries should start with a verb.)

- **getNumberFriends()**

Gets the number of friends the current user has.

(Hint: No parameters, so you can skip the Parameters section.)

- **requestFriend(username)**

This sends a friend request to a user.

- **post(statusUpdate)**

Used to post a status update. The status update can be up to 1000 characters long. Returns true if the post succeeded and false if the post fails.

- **like(postId, likeType)**

Likes a post. The post is specified by the ID, which is an integer. The likeType can have one of these values: "Like", "Love", "Empathy". Returns true if the like succeeded and false if the like fails.
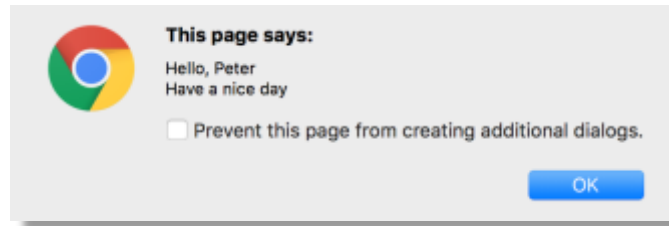
Take a Look at How I've Done It

Remember, there's no one right way to do this, but here's how I would do it:
http://sdkbridge.com/prog1/Exercise7Answers.pdf.

New line

Now modify your string so that it has two lines. The second line is "Have a nice day" (or whatever you want it to be). When you save and refresh the browser page, your dialog should look like this:

If you are having trouble, you can look at how I did it here:

http://sdkbridge.com/prog1/Exercise2Answers.pdf