

Candidate Questionnaire

Name: Date: `

1. When should jQuery.each() be used instead of \_.each() (http://underscorejs.org/)?    
   When should \_.each() be used instead of jQuery.each()?
2. Write a typescript declaration for the following javascript function

// Formats a string with the supplied parameter(s)

// Examples Usage:

// formatString("User {0} logged in", 'John');

// formatString("Max {0} words allowed", 128.8999);

// formatString("Form {0} to {1}", [10, 100]);

function FormatString(sTemplate, params) {

if (typeof params != undefined && arguments.length == 2) {

if (params.constructor != Array) {

if (typeof params == 'string')

params = [params];

else

params = [String(params)];

}

if (params.constructor == Array) {

$.each(params, function (index, value) {

if (typeof value == 'string')

sTemplate = sTemplate.replace(new RegExp("\\{" + index + "\\}", "g"), value);

else

sTemplate = sTemplate.replace(new RegExp("\\{" + index + "\\}", "g"), String(value));

});

}

}

return sTemplate;

}

1. Create a React Component that acts as a dropzone for the user to upload files.

* The user should be able to click to upload files or drag and drop files onto the component
* Once the user selects some files, the component should switch to show them an input for Custodian and a submit button.
* When the user clicks submit, the component should show a progress bar indicating the status of the files uploading. Actually uploading the files to a server is not required, but the component should ‘Mock’ the time it takes for each file to upload so that the progress bar shows progress.
* While files are uploading, the user should be able to drop in another set of files and enter another Custodian name, allowing for multiple ‘batches’ of simultaneous uploads.
* Create the component using jsfiddle.net, jsbin.com or a similar utility so we can eaily read the source code and view the final product