

SOFT8025 Scalable Microservices - Labs

LAB 2:

Part a)

Download form-lab.js and student.html.

Add in a mark field in the student.html.

Add a dropdown list so that the user can select the student's nationality.

Output the mark and nationality

Part b)

Modify the code so that the user can enter a number of students and those students are stored into an array on the server.

See here to use the push method on arrays:

http://www.w3schools.com/js/js_arrays.asp

Part c)

Provide a url (showstudents) for listing all the students in your system. You will need another section in the code to handle this e.g.

```
if ('/showstudents' == req.url) {  
    if (req.method == 'GET') {
```

You can See the

“Looping Array Elements” section at the link:

http://www.w3schools.com/js/js_arrays.asp

Part d)

Allow the user to show a student with a URL such as:

<http://localhost:3000/showstudent?id=1>.

Your code is to show the student at position given by id in the array.

You will need another section in the code to handle this e.g.

```
if ('/showstudent' == req.url) {  
    if (req.method == 'GET') {
```

Part e)

Allow the user to delete a student with a URL such as:

<http://localhost:3000/deletestudent?id=1>.

You will need another section in the code to handle this e.g.

```
if ('/deletestudent' == req.url) {  
  if (req.method == 'GET') {
```