FPT Software

JavaScript Essentials

Assignments

Document Code	25e-BM/HR/HDCV/FSOFT
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RECORD OF CHANGES

No	Effective Date	Change Description	Reason	Reviewer	Approver
1	25/Jun/2018	Create a new Lab	Create new	DieuNT1	VinhNV
2	01/May/2019	Update Fsoft Template	Update	DieuNT1	VinhNV

Contents

FRESHER ACADEMY	**CODE:**	**JS-E.S.A201**
	TYPE:	**Short**
	LOC:	**N/A**
	DURATION:	**30 MINUTES**

Unit 2 – Variables

Objectives:

- ✓ Able to apply Basic math in JavaScript with numbers and arithmetic operators

Project Structure

- A project called **JS-E.S.A201** is provided to you(this will be your root folder)
- Put your work for each problem in corresponding folder inside root folder

Problem 1:

In this task we want you to:

- Declare a variable called myName.

- Initialize myName with a suitable value, on a separate line (you can use your actual name, or something else).

- Declare a variable called myAge and initialize it with a value, on the same line.

Try updating the code below to recreate the Expected output:

```
1.      // Add your code here
2.
3.      // Don't edit the code below here!
4.
5.      const section = document.querySelector('section');
6.
7.      let para1 = document.createElement('p');
8.      para1.textContent = myName;
9.      let para2 = document.createElement('p');
10.     para2.textContent = myAge;
11.     section.appendChild(para1);
12.     section.appendChild(para2);
```

Expected output:

> Chris
>
> 42

Problem 2:

In this task you need to add a new line to correct the value stored in the existing **myName** variable to you own name.

Try updating the code below to recreate the Expected output:

```
1.      // Add your code here
2.
3.      let myName = 'Paul';
4.
5.      // Don't edit the code below here!
6.
```

```
7.        const section = document.querySelector('section');
8.
9.        let para = document.createElement('p');
10.       para.textContent = myName;
11.       section.appendChild(para);
```

Expected output:

Chris

Problem 3:

The final task for now — in this case you are provided with some existing code, which has two errors present in it. The results panel should be outputting the name Chris, and a statement about how old Chris will be in 20 year's time. How can you fix the problem and correct the output?

Try updating the code below to recreate the Expected output:

```
1.        // Add your code here
2.        const myName = 'Default';
3.        myName = 'Chris';
4.
5.        let myAge = 42;
6.
7.        // Don't edit the code below here!
8.
9.        const section = document.querySelector('section');
10.
11.       let para1 = document.createElement('p');
12.       let para2 = document.createElement('p');
13.       para1.textContent = myName;
14.       para2.textContent = `In 20 years, I will be ${myAge + 20}`;
15.       section.appendChild(para1);
16.       section.appendChild(para2);
```

Expected output:

Chris

In 20 years, I will be 62

-- THE END --