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

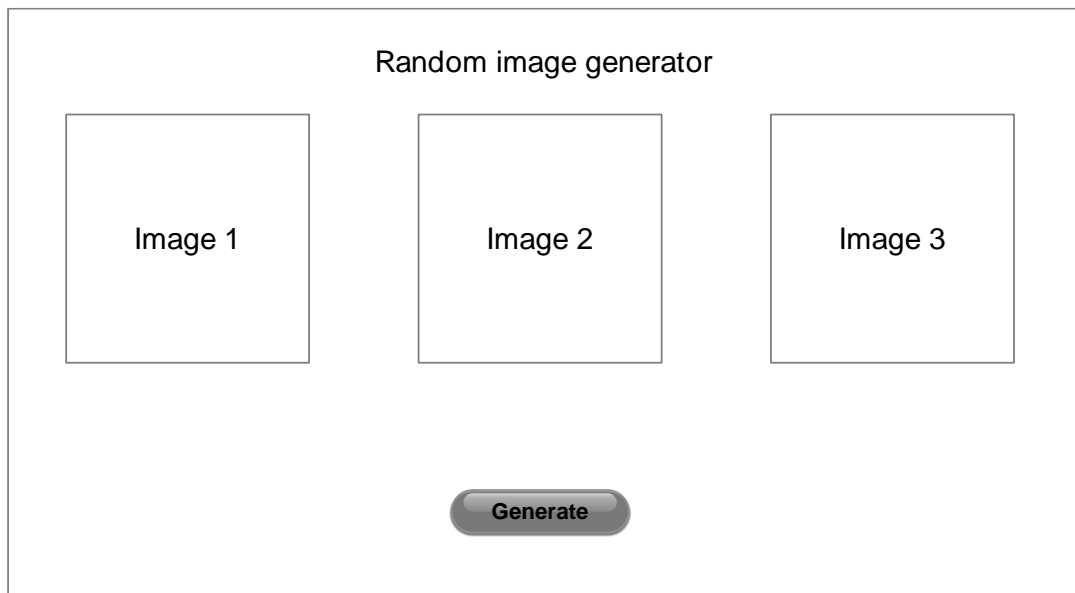|		
CODE:	**JS-E.M.A1203**	
TYPE:	**Medium**	
LOC:	**N/A**	
DURATION:	**120 MINUTES**	

Unit 11-12 – DOM and Events

Objectives:

- Able to interact with HTML document using DOM
- Create a Random image generator app using JavaScript and DOM

Specification:

In this task, you must create a Random image generator app. The UI of the app look like figure below:

You are also given an array of images, each image is a object with some pairs of key and value (see code below):

```
1.
   var theImages = [
2.    {
3.     src: "https://i.picsum.photos/id/0/5616/3744.jpg?hmac=3GAAioiQziMGEtLbfrdbcoenXoWAW-zlyEAMkfEdBzQ",
4.     width: "300",
5.     height: "300",
6.    },
7.    {
8.     src: "https://i.picsum.photos/id/1001/5616/3744.jpg?hmac=38lkvX7tHXmlNbI0HzZbtkJ6_wpWyqvkX4Ty6vYElZE",
9.     width: "300",
10.    height: "300",
11.   },
12.   {
13.    src: "https://i.picsum.photos/id/1010/5184/3456.jpg?hmac=7SE0MNAloXpJXDxio2nvoshUx9roGIJ_5pZej6qdxXs",
14.    width: "300",
15.    height: "300",
16.   },
17.   {
18.    src: "https://i.picsum.photos/id/1005/5760/3840.jpg?hmac=2acSJCOwz9q_dKtDZdSB-OIK1HUcwBeXco_RMMTUgfY",
19.    width: "300",
20.    height: "300",
```

```
21.    },
22.    {
23.     src: "https://i.picsum.photos/id/100/2500/1656.jpg?hmac=gWyN-7ZB32rkAjMhKXQgdHOIBRHyTSgzuOK6U0vXb1w",
24.     width: "300",
25.     height: "300",
26.    },
27.    {
28.     src: "https://i.picsum.photos/id/102/4320/3240.jpg?hmac=ico2KysoswVG8E8r550V_afIWN963F6ygTVrqHeHeRc",
29.     width: "300",
30.     height: "300",
31.    },
32. ];
```

Functionalities:

- Generate button: once clicked, you must choose 3 **random** images from the array of images (without duplicate) and display them on the screen.

-- THE END --