

INSTRUCTIONS:

Goal of the Project:

In Class 78, we learned about arrays. We also learned to write JavaScript code inside the Html document itself.

In this project, you have to build a family book web app.

Story:

Let's make a **family book** web app, where you can store all the names and photos of your family members. In this app, if you click on the Next button, the image and name of the next family member are displayed.



***This is just for your reference. We expect you to apply your creativity to the project.**

Getting Started:

1. Open **Visual Studio** IDE software or download and install it from this [link](#).
2. Create a new folder on your computer.
3. Open Visual Studio IDE and click on File > Open Folder, then browse and open the folder created in step 2.
4. Install Live-Server Extension if not already installed.

Specific Tasks to complete the Project:

1. Create an Html page.
2. You can use style properties to make the Html page more attractive.
3. **Create a button** to perform the onclick functionality.
4. **Create 2 arrays** - one for images and one for names. You can refer to class78.
5. **Write an update() function**. This function will be called when the button is clicked.
6. This **update()** function should include the code to **get the image and name of the next family member from the array and display the same**.

Submitting the Project:

1. **SAVE** all the changes made to the project.
2. Click on "**Go-Live**" once to check if it is working.
3. To host your code as a website, follow the instructions given in [this document](#).
4. Once you have hosted the website, Copy the link of **GitHub** and submit it in the Student Dashboard Projects panel against the correct class number.

Hints:

1. Use tag to display an image on the webpage:

```

```

2. Use the <h4> tag to display the family member's name on the webpage:

```
<h4 id="family_member_name"></h4>
```

3. Create a button as shown below:

```
<button onclick="update();">Next</button>
```

4. Create 2 arrays that hold the image and name of the family members respectively:

```
var images =
["https://i.postimg.cc/MKdhy06Z/family.jpg", "https://i.postimg.cc/L6HcYQM0/
grand-father.png", "https://i.postimg.cc/wjMnFtMX/father.jpg" ,
"https://i.postimg.cc/5ymDKL83/bro.jpg",
"https://i.postimg.cc/JnL6wtrd/sister.jpg",
"https://i.postimg.cc/bw5W5zSK/mother.jpg"];

var names = ["Fmaily Book", "Ranbir Singh", "Diljeet Singh", "Rocky Singh",
"Alia Singh", "Soni Singh"];
```

5. Write a code to display the image and name on the click of the 'Next' button:

```
var i = 0;
function update()
{
    i++;
    var numbers_of_family_member_in_array = 5
    if(i > numbers_of_family_member_in_array )
    {
        i = 0;
    }
    var updatedImage = images[i];
    var updatedName = names[i];
    document.getElementById("family_member_image").src = updatedImage;
    document.getElementById("family_member_name").innerHTML = updatedName;
}
```

REMEMBER... Try your best, that's more important than being correct.

After submitting your project your teacher will send you feedback on your work.

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