

LetsUpgrade Assignment Day-3,4

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Question 1

Create a webpage containing an image and three buttons.

A. On click of the second button a change the existing image to a new image

B. On click of the third button change it once again.

C. On click of first, the first image should come back.

Code- q1.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Ques. 1 Assignment Day3-4</title>
</head>
<body>
<h1>Changing the images on button click!</h1>
<h3>Pikchau Transformation</h3>



<p>
<button onclick="pikachuImg()">Pikachu 1</button>
<button onclick="raichuImg()">Raichu 2</button>
<button onclick="reset()">Reset</button>
</p>
<script type="text/javascript" src="q1.js"></script>
</body>
</html>
```

q1.js {javascript file}

```
function pikachuImg()  
{  
    let chng=document.getElementsByTagName("img");  
    chng[0].src="https://i.pinimg.com/originals/76/47/9d/76479dd91dc55c276  
8ddccfc30a4fbf5.png";  
}
```

```
function raichuImg()  
{  
    let chng=document.getElementsByTagName("img");  
    chng[0].src="https://encrypted-  
tbn0.gstatic.com/images?q=tbn%3AAND9GcQzOWfcZQwUQ079Z-  
aaCqGTARD2v99aPd0y8Q&usqp=CAU";  
}
```

```
function reset()  
{  
    let chng=document.getElementsByTagName("img");  
    chng[0].src="https://vignette.wikia.nocookie.net/pokemon/images/0/09/1  
72Spiky_Pichu.png/revision/latest/top-  
crop/width/360/height/450?cb=20141213043715";  
}
```

Question 2

Create a webpage containing two input fields and a button.

A. Write something in the first input

B. On click of the button, the content of input one should be copied in the second input.

Code- q2.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Question 2</title>
</head>
<body>
<h1>Copying Content to one text field to another text field.</h1>
<p><label>Original Value:
    <input type="text" name="original" placeholder="Original">
</label>
</p>
<label>Copied Value :
    <input type="text" name="copied" placeholder="copied">
</label>
<p>
<BUTTON onclick="copy()">Click to Copy Content</BUTTON>
</p>
<script type="text/javascript" src="q2.js"></script>
</body>
</html>
```

//// q2.js {Javascript file}

```
function copy()
{
    let texts=document.getElementsByTagName("input");
    let data=texts[0].value;
    texts[1].value=data;
}
```

Question 3

Create an array of objects with objects having the following properties

A. {name (string), age (number), country (string), hobbies array (string []) }

B. Write a function to display all the objects on the console.

Code- (q3.js) (Ran Directly on Console)

```
let megaobj=[
{
    Name:"Ram",
    Age:38,
    Country:"India",
    Hobbies:["Cooking","Football","Music"],
},
{
    Name:"Mohit",
    Age:22,
    Country:"Singapore",
    Hobbies:["Swimming","Gym","Music"],
},
{
    Name:"Panjak",
    Age:33,
    Country:"Sri Lanka",
    Hobbies:["Cricket","Chess","Dance"],
},
{
    Name:"Mohan",
    Age:18,
    Country:"India",
    Hobbies:["Cycling","volleyball","photoshop"],
}
];
for(let i=0;i<=megaobj.length;i++)
{
    console.log(megaobj[i]);
}
```

Question 4

Following the 3rd question

A. Write a function to display all the objects having age less than 30

B. Write a function to display all the objects having country India.

Code----- {**Ran Directly on Chrome Console**}

(Part A where age is less than 30.)

```
let megaobj=[
{
    Name:"Ram",
    Age:38,
    Country:"India",
    Hobbies:["Cooking","Football","Music"],
},
{
    Name:"Mohit",
    Age:22,
    Country:"Singapore",
    Hobbies:["Swimming","Gym","Music"],
},
{
    Name:"Panjak",
    Age:33,
    Country:"Sri Lanka",
    Hobbies:["Cricket","Chess","Dance"],
},
{
    Name:"Mohan",
    Age:18,
    Country:"India",
    Hobbies:["Cycling","volleyball","photoshop"],
}
];
for(let i=0;i<=megaobj.length;i++)
{
    if(megaobj[i].Age<30)                //Condition to display all the objects having age less than 30.
        console.log(megaobj[i]);
}
```

PART B) SAME COUNTRY "INDIA"

```
let megaobj=[
{
    Name:"Ram",
    Age:38,
    Country:"India",
    Hobbies:["Cooking","Football","Music"],
},
{
    Name:"Mohit",
    Age:22,
    Country:"Singapore",
    Hobbies:["Swimming","Gym","Music"],
},
{
    Name:"Panjak",
    Age:33,
    Country:"Sri Lanka",
    Hobbies:["Cricket","Chess","Dance"],
},
{
    Name:"Mohan",
    Age:18,
    Country:"India",
    Hobbies:["Cycling","volleyball","photoshop"],
}
];
for(let i=0;i<=megaobj.length;i++)
{
    if(megaobj[i].Country=="India")           //Condition
        console.log(megaobj[i]);
}
```