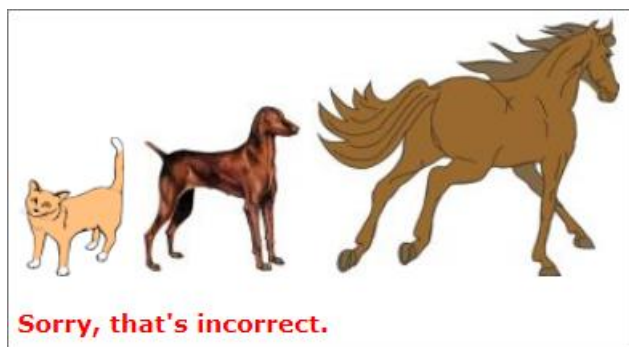


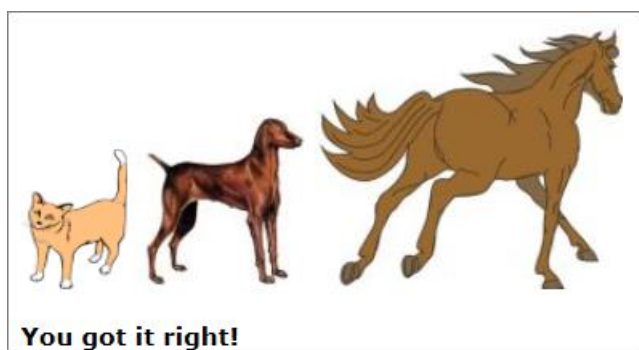
7.(a) Use HTML/CSS to display the below output: Also input your Name, Reg No, E-mail id at the end of the webpage using HTML/CSS.



When the user clicks on the cat or the horse:



When the user clicks on the dog:



dog - Notepad

File Edit Format View Help

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>
<h3>NAME:M.LAXMI PRASANNA</h3>
<h3>PIN NUMBER:221710310037</h3>
<h3>E-MAIL:221710310037@gitam.in</h3>



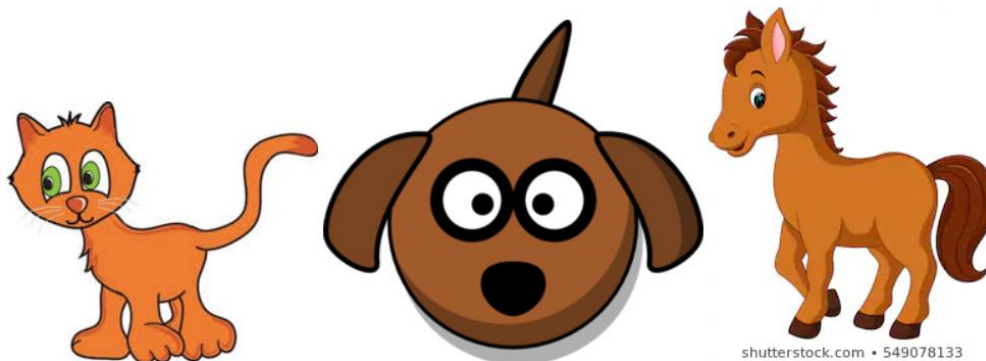

<p id="demo"></p>
<script>
function myFunction1() {
    document.getElementById("demo").innerHTML= "Sorry,that's incorrect";
    document.getElementById("demo").style.color="red"
}
function myFunction2() {
    document.getElementById("demo").innerHTML = "You got it right";
    document.getElementById("demo").style.color="black"
}
</script>

</body>
</html>
```

NAME:M.LAXMI PRASANNA

PIN NUMBER:221710310037

E-MAIL:221710310037@gitam.in



You got it right

NAME:M.LAXMI PRASANNA

PIN NUMBER:221710310037

E-MAIL:221710310037@gitam.in



Sorry,that's incorrect

(b) Write a JavaScript program to swap two halves of a given array of integers of even length.

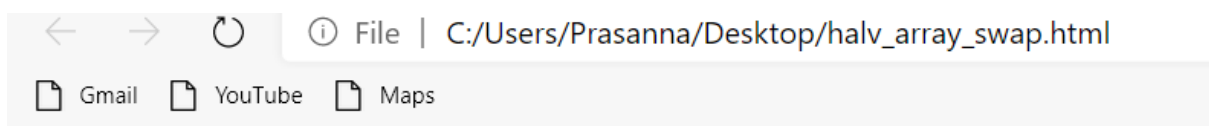
halv_array_swap - Notepad

File Edit Format View Help

```
<!DOCTYPE html>
<html>
<title>Web Page Design</title>
<head>
<script>
function sayHello() {
    document.write("Hello, Coding Ground!");
}
function arrayswap(iarra) {
    if (((iarra.length)%2)!=0)
    {
        return false;
    }

    for (var i = 0; i < iarra.length / 2; i++) {
        var tmp = iarra[i];
        iarra[i] = iarra[i + iarra.length / 2];
        iarra[i + iarra.length / 2] = tmp;
    }
    return iarra;
}
document.write(arrayswap([1,2,3,4,5,6]));
</script>
</head>
<body>
</body>
</html>
```

Output:



4,5,6,1,2,3

(c) Write a function sum that calculates the sum of all elements of a two-dimensional array.

```
In [1]: # importing required libraries
import numpy
def sumOfArr(arr):
    return numpy.sum(numpy.array(arr))
TwoDList = [[1, 2, 3], [4, 5, 6],
            [7, 8, 9], [10, 11, 12]]
print(sumOfArr(TwoDList))
```

7B)