

Assignment-2

JavaScript & Python Programming

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Maximum Marks	

Question-1:

Execute the programs which are discussed on today session.

Solution:

```
<!doctype html>

<html>

<head>

<title>Javascript Program</title>

</head>

<body>

<h1>My JS first program</h1>

<p id = "demo">JS can change the style of an HTML element</p>

<script>

function myFunction()

{

document.getElementById("demo").style.fontSize = "50px";

document.getElementById("demo").style.color = "red";

document.getElementById("demo").style.backgroundColor = "yellow";

}

</script>

<button type = "button" onclick = "myFunction()"> clickhere </button>

</body>

</html>
```

Output:

My JS first program

JS can change the style of an HTML element

clickhere

Question-2:

JavaScript Programs for Practice.

Solution:

Sample Program-1:

```
<!DOCTYPE html>
<html>
<body>
<h1>My First Web Page</h1>
<p>My First Paragraph</p>
<p id="demo"></p>
<script>
document.getElementById("demo").innerHTML = 5 + 6;
</script>
</body>
</html>
```

Output:

My First Web Page

My First Paragraph

Sample Program-2:

```
<!DOCTYPE html>

<html>

<body>

<h1>My First Web Page</h1>

<p>My first paragraph.</p>

<script>

document.write(5 + 6);

</script>

</body>

</html>
```

Output:

My First Web Page

My first paragraph.

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Question-3:

Python sample programs.

Solution:

Sample Program-1:

```
thislist = ["apple", "banana", "cherry"]

print(thislist)
```

Output:

```
['apple', 'banana', 'cherry']
```

Sample Program-2:

```
thistuple = ("apple", "banana", "cherry")  
print(thistuple)
```

Output:

```
('apple', 'banana', 'cherry')
```

Sample Program-3:

```
thisset = {"apple", "banana", "cherry"}  
print(thisset)
```

Output:

```
{'cherry', 'banana', 'apple'}
```

Sample Program-4:

```
thisdict = { "brand": "Ford", "model": "Mustang", "year": 1964 }  
print(thisdict)
```

Output:

```
{'brand': 'Ford', 'model': 'Mustang', 'year': 1964}
```

Sample Program-5:

```
a = 33
```

```
b = 200
```

```
if b > a:
```

```
    print("b is greater than a")
```

Output:

```
b is greater than a
```

Sample Program-6:

```
fruits = ["apple", "banana", "cherry"]
```

```
for x in fruits:
```

```
    print(x)
```

Output:

apple

banana

cherry

Sample Program-7:

```
def my_function():
```

```
    print("Hello from a function")
```

```
my_function()
```

Output:

Hello from a function