

Assignment-1

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JavaScript & Python Programming

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

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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.

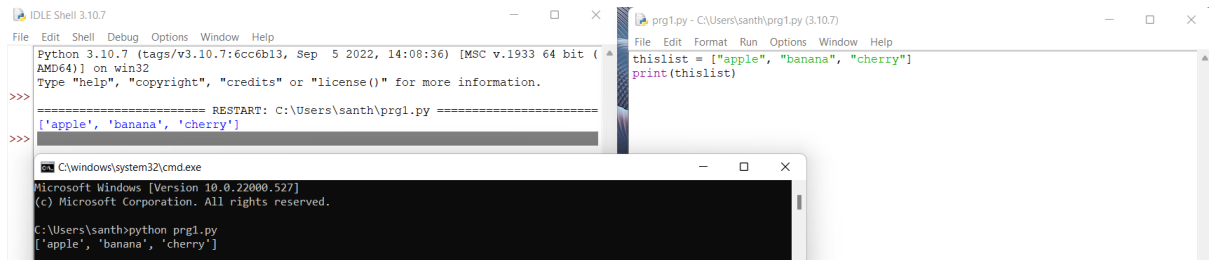
Solution:

Sample Program-1:

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

print(thislist)
```

Output:

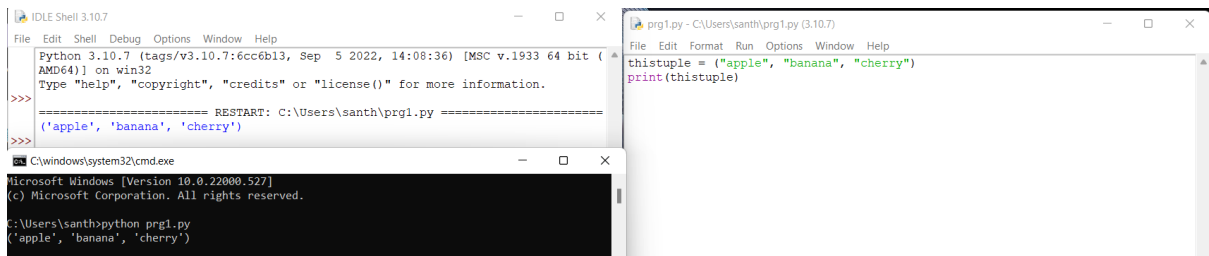


Sample Program-2:

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

```
print(thistuple)
```

Output:

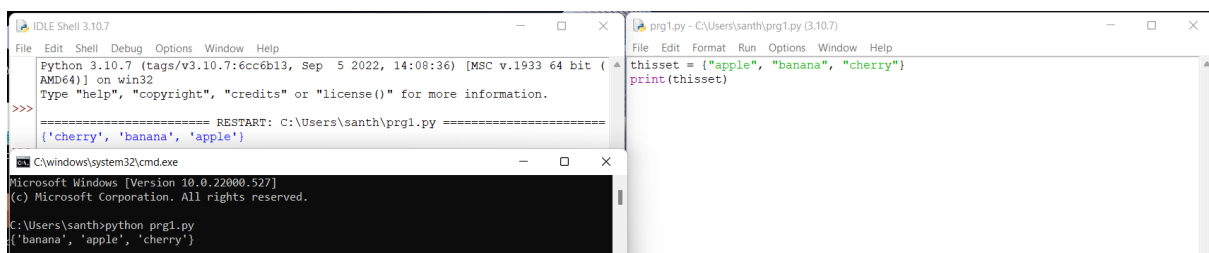


Sample Program-3:

```
thisset = {"apple", "banana", "cherry"}
```

```
print(thisset)
```

Output:



Sample Program-4:

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

```
print(thisdict)
```

Output:

The screenshot shows two windows from the IDLE 3.10.7 environment. The left window, titled 'IDLE Shell 3.10.7', displays the Python 3.10.7 shell with a restart message and the output of a Python script: `{'brand': 'Ford', 'model': 'Mustang', 'year': 1964}`. The right window, titled 'prg1.py - C:\Users\santh\prg1.py (3.10.7)', shows the source code: `thisdict = {"brand": "Ford", "model": "Mustang", "year": 1964}` followed by `print(thisdict)`.

Sample Program-5:

`a = 33`

`b = 200`

`if b > a:`

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

Output:

The screenshot shows two windows from the IDLE 3.10.7 environment. The left window, titled 'IDLE Shell 3.10.7', displays the Python 3.10.7 shell with a restart message and the output of a Python script: `b is greater than a`. The right window, titled 'prg1.py - C:\Users\santh\prg1.py (3.10.7)', shows the source code: `a = 33`, `b = 200`, `if b > a:` followed by `print("b is greater than a")`.

Sample Program-6:

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

`for x in fruits:`

`print(x)`

Output:

The screenshot shows two windows from the IDLE 3.10.7 environment. The left window, titled 'IDLE Shell 3.10.7', displays the Python 3.10.7 shell with a restart message and the output of a Python script: `apple`, `banana`, and `cherry` on separate lines. The right window, titled 'prg1.py - C:\Users\santh\prg1.py (3.10.7)', shows the source code: `fruits = ["apple", "banana", "cherry"]`, `for x in fruits:` followed by `print(x)`.

Sample Program-7:

```
def my_function():  
    print("Hello from a function")  
  
my_function()
```

Output:

