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>
JS can change the style of an HTML element
<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

IS can change the style of an HTML elemen

clickhere

Question-2:

JavaScript Programs for Practice.

Solution:

```
Sample Program-1:
```

```
<!DOCTYPE html>
```

<html>

<body>

<h1>My First Web Page</h1>

My First Paragraph

<script>

document.getElementById("demo").innerHTML = 5 + 6;

</script>

</body>

</html>

My First Web Page

Sample Program-2:

```
My First Paragraph
```

```
<!DOCTYPE html>
<html>
<body>
<h1>My First Web Page</h1>
My first paragraph.
<script>
document.write(5 + 6);
</script>
</body>
</html>
Output:
My First Web Page
My first paragraph.
11
Question-3:
Python sample programs.
Solution:
Sample Program-1:
thislist = ["apple", "banana", "cherry"]
print(thislist)
Output:
```

```
IDLE Shell 3.10.7
                                                                                    prg1.py - C:\Users\santh\prg1.py (3.10.7)
File Edit Shell Debug Options Window Help
                                                                                    File Edit Format Run Options Window Help
  Python 3.10.7 (tags/v3.10.7:6cc6bl3, Sep 5 2022, 14:00:36) [MSC v.1933 64 bit ( *
                                                                                   thislist = ["apple", "banana", "cherry"]
   AMD64)] on win32
                                                                                   print(thislist)
   Type "help", "copyright", "credits" or "license()" for more information.
    C\windows\system32\cmd.exe
   Microsoft Windows [Version 10.0.22000.527]
   (c) Microsoft Corporation. All rights reserved.
    :\Users\santh>python prgl.py
    apple', 'banana', 'cherry']
```

Sample Program-2:

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

print(thistuple)

Output:

```
prg1.py - C:\Users\santh\prg1.py (3.10.7)
File Edit Shell Debug Options Window Help
                                                                                          File Edit Format Run Options Window Help
   Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (
                                                                                          thistuple - ("apple", "banana", "cherry")
    AMD64)] on win32
                                                                                          print(thistuple)
    Type "help", "copyright", "credits" or "license()" for more information.
    ----- RESTART: C:\Users\santh\prg1.py ------
    ('apple', 'banana', 'cherry')
C:\windows\system32\cmd.exe
                                                                          - 🗆 X
Microsoft Windows [Version 10.0.22000.527]

    d) Microsoft Corporation. All rights reserved.

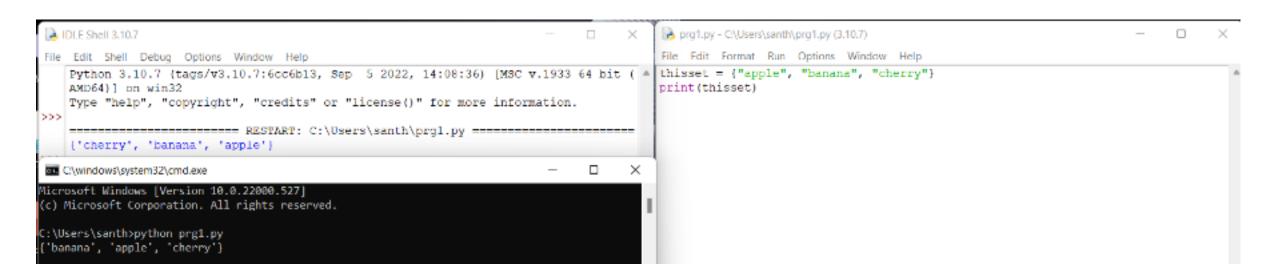
 :\Users\santh>python prg1.py
 'apple', 'banana', 'cherry')
```

Sample Program-3:

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

print(thisset)

Output:



Sample Program-4:

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

print(thisdict)

```
□ X prg1.py - C\Users\santh\prg1.py (3.10.7)
lDLE Shell 3,10.7
                                                                                                                                              - 🗆 X
File Edit Shell Debug Options Window Help
                                                                                File Edit Format Run Options Window Help
   Python 3.10.7 (tags/v3.10.7:6cc6bl3, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit ( *
                                                                                thisdict = ( "brand": "Ford", "model": "Mustang", "year": 1964)
   AMD64)] on win32
                                                                                print(thisdict)
   Type "help", "copyright", "credits" or "license()" for more information.
   {'brand': 'Ford', 'model': 'Mustang', 'year': 1964}
C:\windows\system32\cmd.exe
                                                                      icrosoft Windows [Version 10.0.22000.527]
(c) Microsoft Corporation. All rights reserved.
 :\Users\santh>python prg1.py
 'brand': 'Ford', 'model': 'Mustang', 'year': 1964}
```

Sample Program-5:

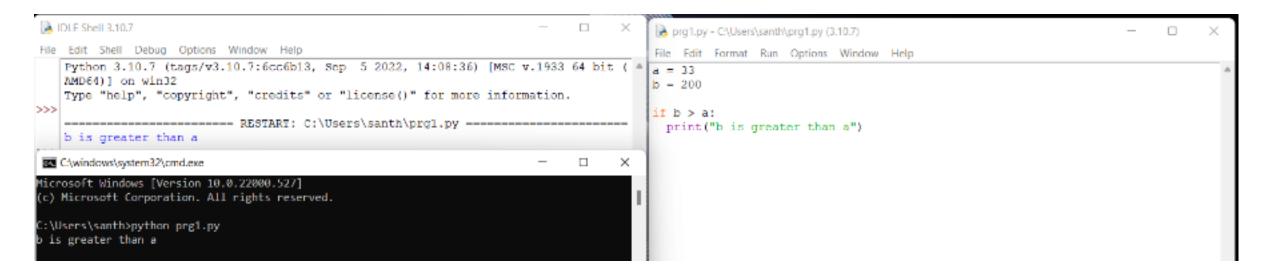
a = 33

b = 200

if b > a:

print("b is greater than a")

Output:

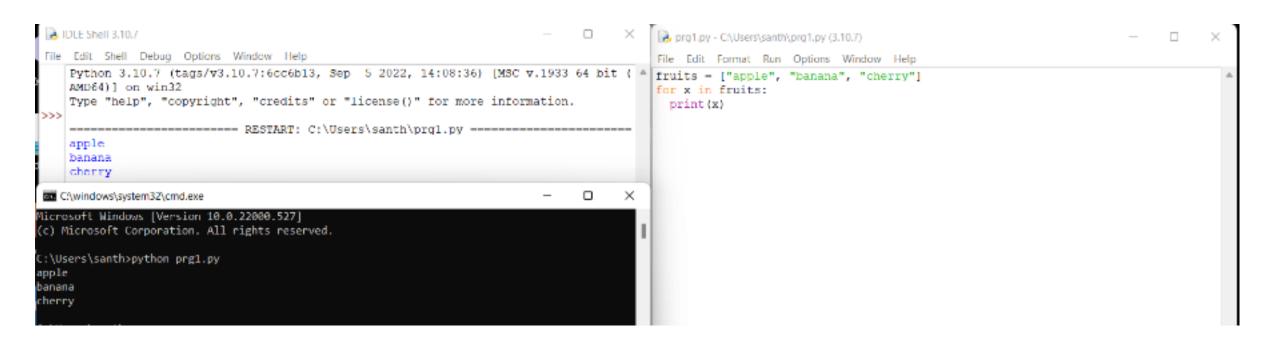


Sample Program-6:

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

for x in fruits:

print(x)



Sample Program-7: def my_function(): print("Hello from a function") my_function()

