

Assignment -1

html

Assignment Date	19 September 2022
Student Name	Saravanan I
Student Roll Number	511319205020
Maximum Marks	2 Marks

Question-1: registration form using html (name, phone number, city, state, country)

```
<Html>
```

```
<head>
```

```
<title>
```

Registration Page

```
</title>
```

```
</head>
```

```
<body bgcolor="B3EAE6">
```

```
<br>
```

```
<br>
```

```
<form>
```

```
<label> Firstname </label>
```

```
<input type="text" name="firstname" size="15"/> <br> <br>
```

Phone :

```
</label>
```

```
<input type="text" name="country code" value="+91" size="2"/>
```

```
<input type="text" name="phone" size="10"/> <br> <br>
```

```
<label>City</label>
```

```
<input type="text" id="city" name="city"/> <br> <br>
```

```
<label>State</label>
```

```
<input type="text" id="State" name="state"/> <br> <br>
```

```
<label>Country</label>
```

```
<input type="text" id="Country" name="country"/> <br> <br>
```

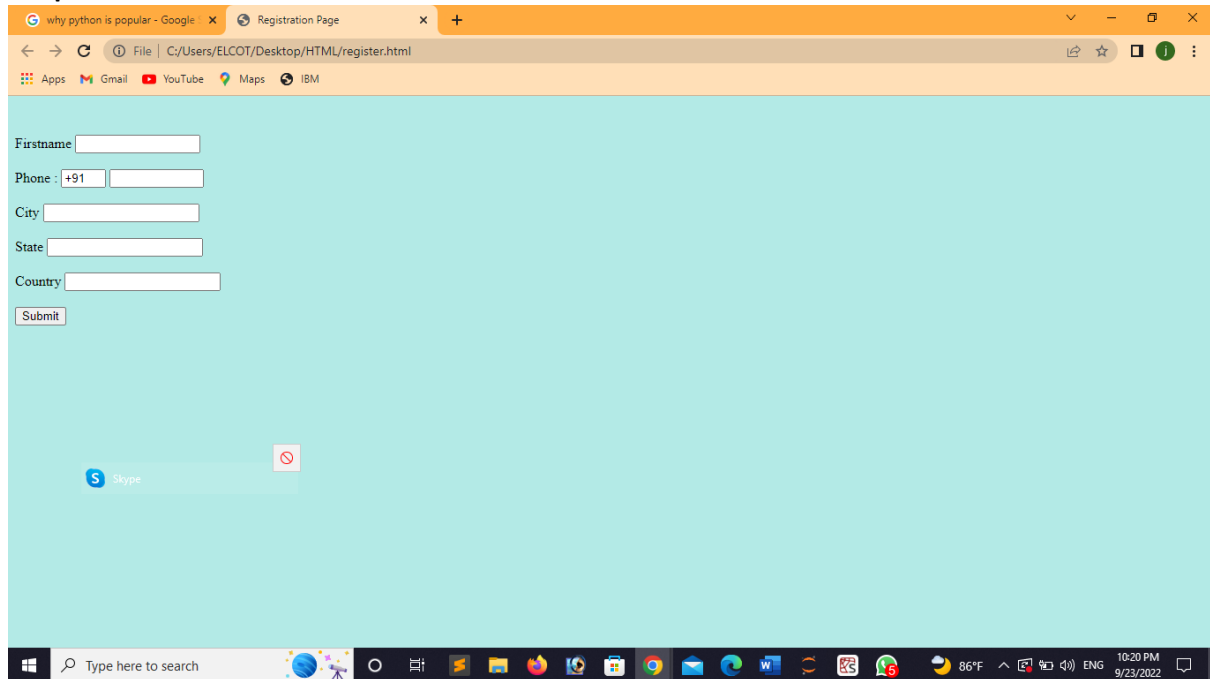
```
<input type="button" value="Submit"/>
```

```
</form>
```

```
</body>
```

```
</html>
```

Output:



Module 3: python assignment

Question-1:

List function code:

```
# my list
```

```
my_list = [9,8,7,6,1,2,3,4,5]
```

```
print("my list")
```

```
print(my_list)
```

```
# ii) remove: (delete the first occurrence of integer)
```

```
my_list = [9,8,7,6,1,2,3,4,5]
```

```
del my_list[0]
```

```
print("delete the first occurrence of integer")
```

```
print(my_list)
```

iii)append: (insert a integer at end of the list)

```
my_list = [9,8,7,6,1,2,3,4,5]
my_list.append(4)
print("insert a integer at end of the list")
print(my_list)
```

IV) sort: (sort the list)

```
my_list = [9,8,7,6,1,2,3,4,5]
my_list.sort
print("sort the list")
print(my_list)
```

V) pop: (pop the last element from the list)

```
my_list = [9,8,7,6,1,2,3,4,5]
my_list.pop(8)
print("pop the last element from the list")
print(my_list)
```

VI) reverse: (reverse the list)

```
my_list = [9,8,7,6,1,2,3,4,5]
my_list.reverse
print("reverse the list")
print(my_list)
```

output:

```
Traceback (most recent call last):
  File "C:/Users/ELCOT/.spyder-py3/temp.py", line 1, in <module>
    my_list
NameError: name 'my_list' is not defined

In [5]: runfile('C:/Users/ELCOT/.spyder-py3/temp.py', wdir='C:/Users/ELCOT/.spyder-py3')
my list
[9, 8, 7, 6, 1, 2, 3, 4, 5]
delete the first occurrence of integer
[8, 7, 6, 1, 2, 3, 4, 5]
insert a integer at end of the list
[9, 8, 7, 6, 1, 2, 3, 4, 5, 4]
sort the list
[9, 8, 7, 6, 1, 2, 3, 4, 5]
pop the last element from the list
[9, 8, 7, 6, 1, 2, 3, 4]
reverse the list
[9, 8, 7, 6, 1, 2, 3, 4, 5]
```

Question-2:

Simple Calculator using python:

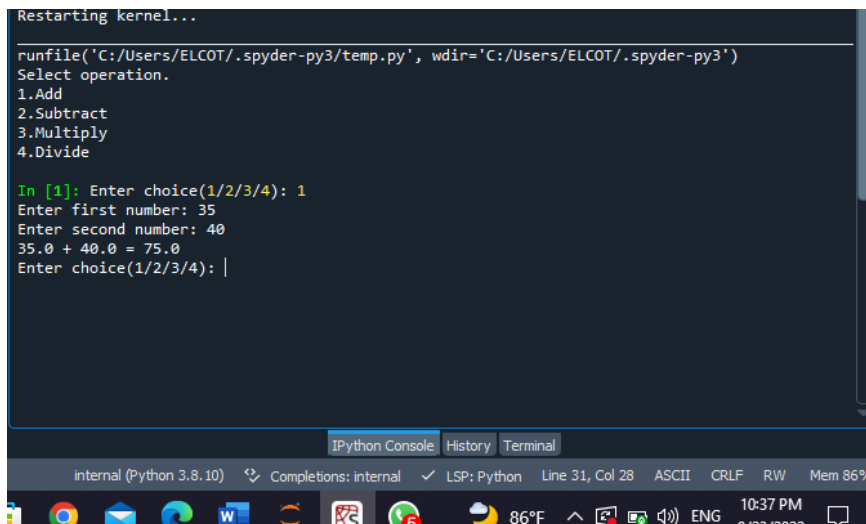
Code:

```
def add(x, y):  
    return x + y  
  
def subtract(x, y):  
    return x - y  
  
def multiply(x, y):  
    return x * y  
  
def divide(x, y):  
    return x / y  
  
print("Select operation.")  
print("1.Add")  
print("2.Subtract")  
print("3.Multiply")  
print("4.Divide")  
  
while True:  
  
    choice = input("Enter choice(1/2/3/4): ")  
    if choice in ('1', '2', '3', '4'):  
        num1 = float(input("Enter first number: "))  
        num2 = float(input("Enter second number: "))  
  
        if choice == '1':  
            print(num1, "+", num2, "=", add(num1, num2))  
  
        elif choice == '2':  
            print(num1, "-", num2, "=", subtract(num1, num2))
```

```
elif choice == '3':  
    print(num1, "*", num2, "=", multiply(num1, num2))
```

```
elif choice == '4':  
    print(num1, "/", num2, "=", divide(num1, num2))
```

output:



```
Restarting kernel...  
runfile('C:/Users/ELCOT/.spyder-py3/temp.py', wdir='C:/Users/ELCOT/.spyder-py3')  
Select operation.  
1.Add  
2.Subtract  
3.Multiply  
4.Divide  
  
In [1]: Enter choice(1/2/3/4): 1  
Enter first number: 35  
Enter second number: 40  
35.0 + 40.0 = 75.0  
Enter choice(1/2/3/4): |
```

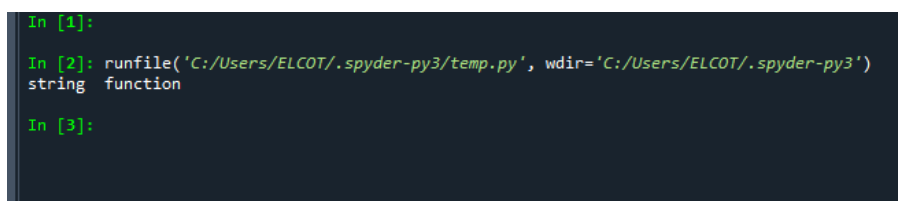
Question 3:

Write a program to concatenate, reverse and slice a string

String concatenate code:

```
str_1='string '  
str_2='function'  
str_3=str_1+str_2  
print(str_3)
```

output



```
In [1]:  
  
In [2]: runfile('C:/Users/ELCOT/.spyder-py3/temp.py', wdir='C:/Users/ELCOT/.spyder-py3')  
string  function  
  
In [3]:
```

String reverse code:

```
str = "python_programming"

print ("The original string is :",str)

reverse_String = ""

count = len(str)

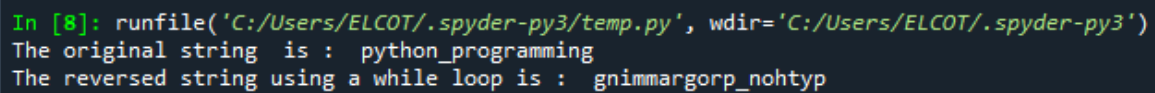
while count > 0:

    reverse_String += str[ count - 1 ] # save the value of str[count-1] in reverseString

    count = count - 1

print ("The reversed string using a while loop is :",reverse_String)
```

output:



```
In [8]: runfile('C:/Users/ELCOT/.spyder-py3/temp.py', wdir='C:/Users/ELCOT/.spyder-py3')
The original string is : python_programming
The reversed string using a while loop is : gnimmargorp_nohtyp
```

String slice code:

```
String = 'python'

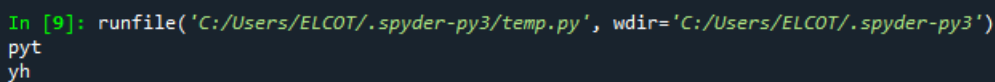
s1 = slice(3)

s2 = slice(1, 5, 2)

print(String[s1])

print(String[s2])
```

output:



```
In [9]: runfile('C:/Users/ELCOT/.spyder-py3/temp.py', wdir='C:/Users/ELCOT/.spyder-py3')
pyt
yh
```

Question-4:

Why python is popular programming language?

Simple to use and learn because simplified syntax and not complicated, which gives more emphasis on natural language

Question-5:

What are the other framework that can be used in python ?

Flask, django, web2py

Question-6

Full form of WSDL

Web Services Description Language