Python-Django Internship Report

Personal details

Name : Riya Sarkar

College Name : Shree Swaminarayan Institute of Technology

Semester : 7^{th}

Degree : B.E

GitHub URL :

https://github.com/RiyaSarkar-147/Python_15days_internship

Company Details

Company Name : Akash Techno labs

External Guide : Akash Techno labs

Training Duration : 26 May to 10June 2021

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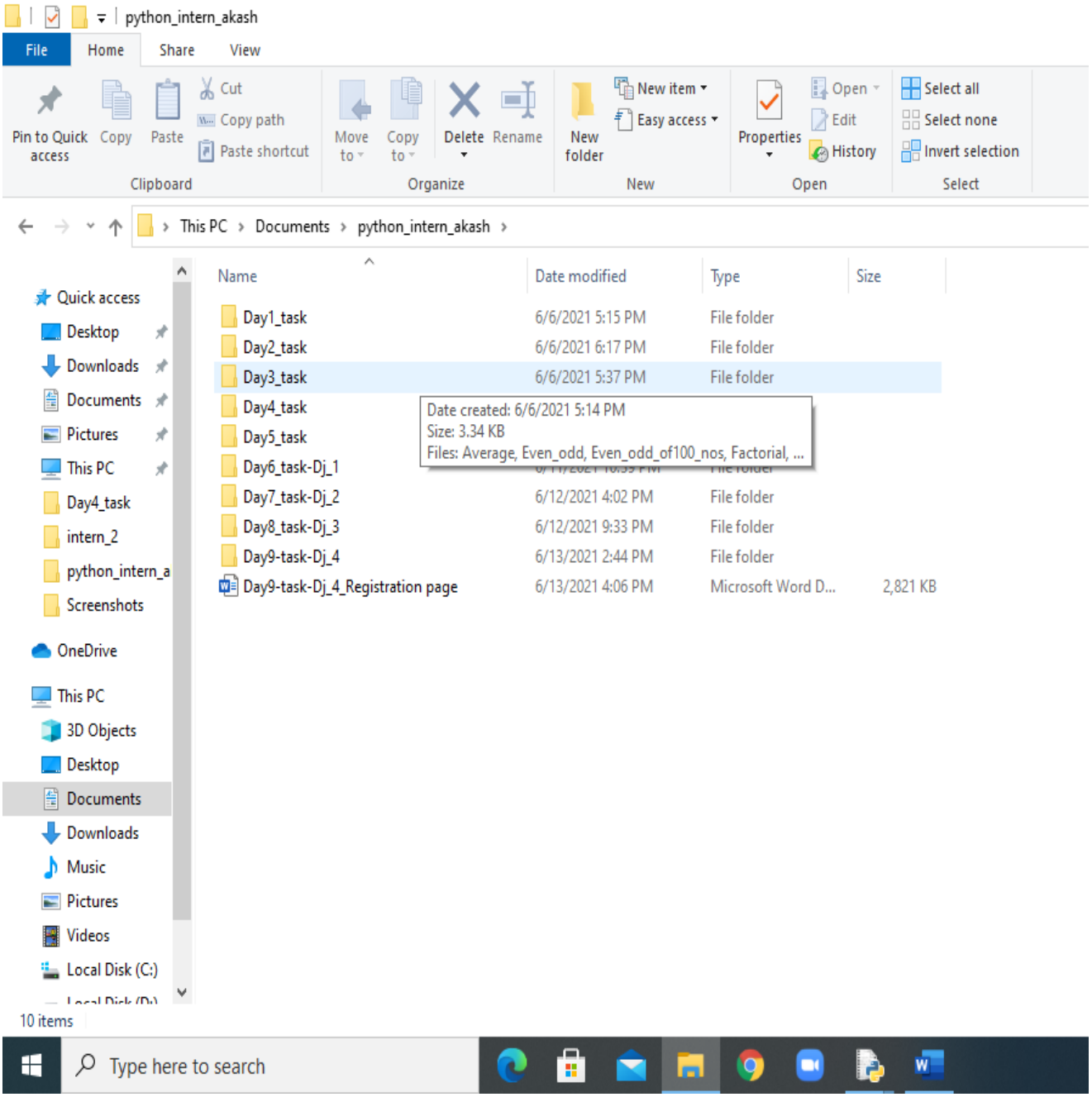
THE IMAGE OF THE DOCUMENT FILE



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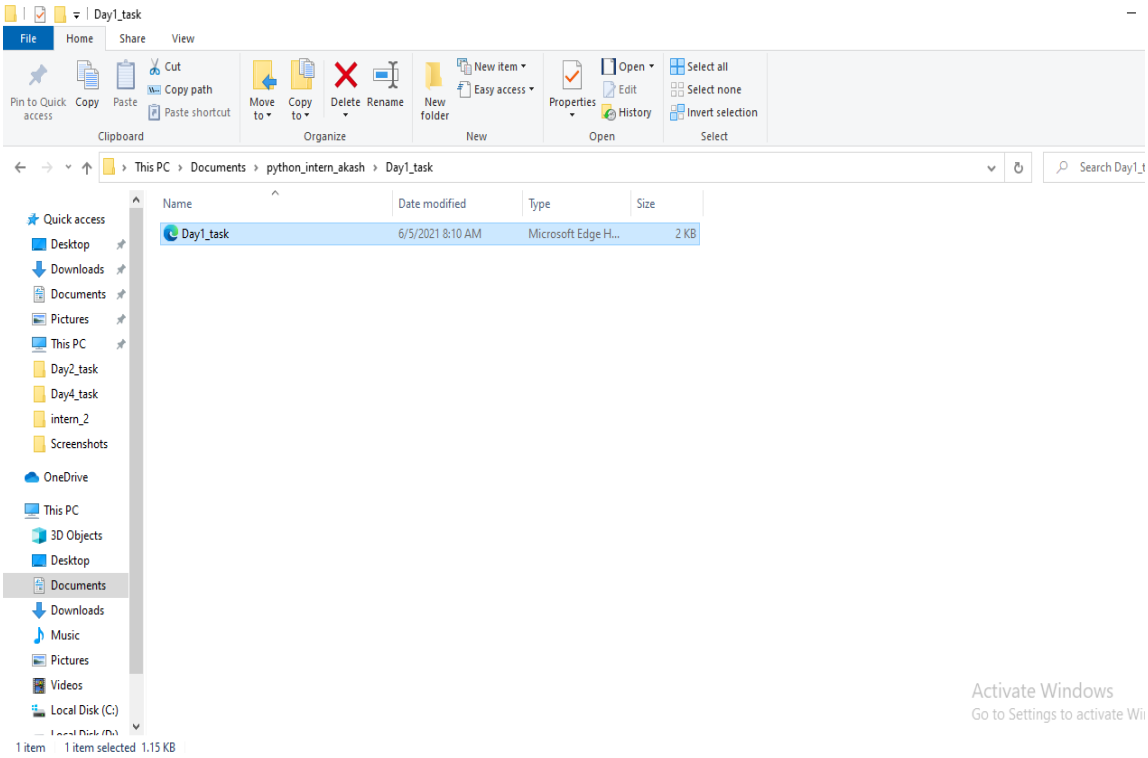
DAY 1 :



>> HTML PAGE

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Day1_task - Notepad

File Edit Format View Help

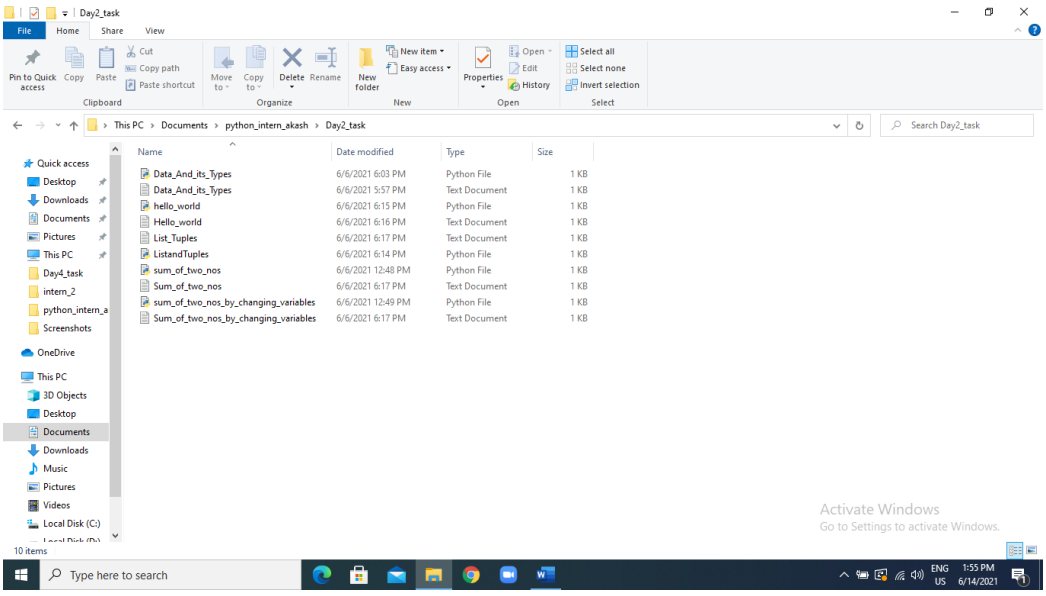
```
<html>
  <form>
        <div class="container">
          <h1>
                Register Here
          </h1>
          <p>
             Please fill in the details to create an account with us.
          </p>
          <hr>
              <label for="email">
                 <b>Enter Email : </b>
              </label>
              <input type="text" placeholder="Enter Email :" name="email">
              <p>
                 <label for="pwd"><b>Password : </b></label>
                 <input type="password" placeholder="Enter your Password :" name="pwd">
             </p>
              <p>
                  <label for="confirm"><b>Confirm Password : </b></label>
                  <input type="password" placeholder="Confirm Password :" name="confirm">
              </p>
          <hr>
          <p>By creating an account you agree to our <a href="#"><p>Terms & Privacy</p></a></p>
          <button type="submit" class="registerbtn"><strong>Register</strong></button>
    </div>
          <div class="container signin">
             <p>Already have an account? <a href="#"><p>Sign in</a></p></p>
          </div>
 </form>
</html>
```

Activate Windows
Go to Settings to activate Windows.

Ln 1, Col 1 | 100% | Windows (CRLF) | UTF-8

Type here to search | ENG US | 1:58 PM 6/14/2021

DAY 2 :



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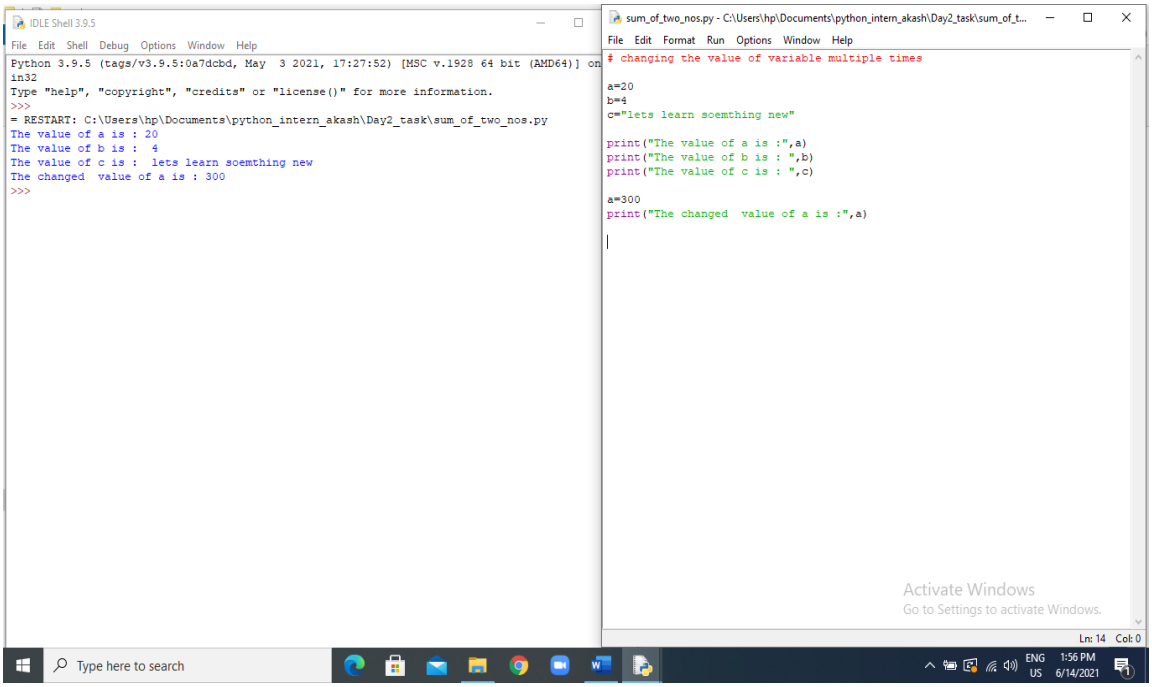
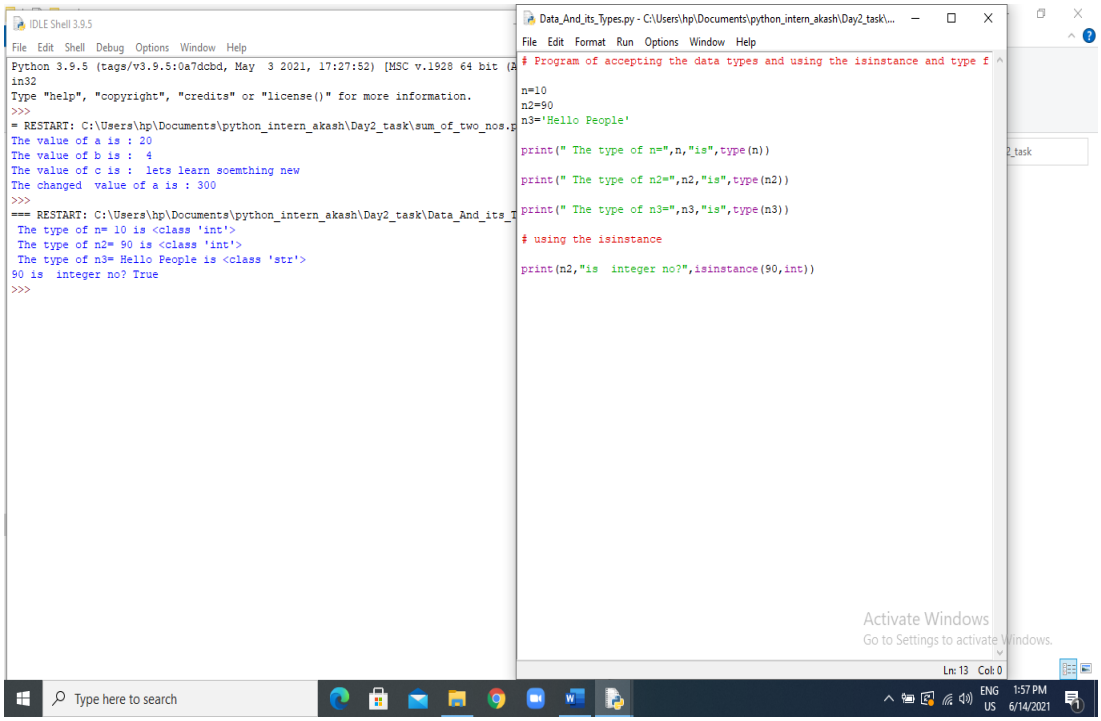
>> SUM OF TWO NOS



>> DATA AND ITS TYPES



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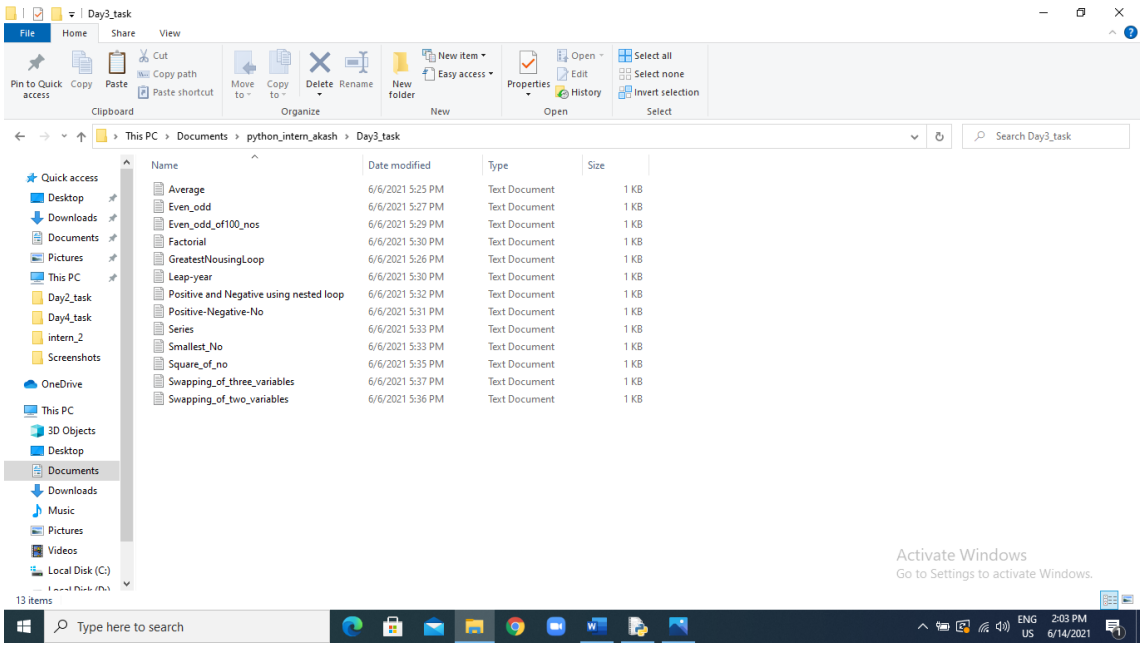
Day 3 :



>> GREATEST NO USING NESTED LOOP

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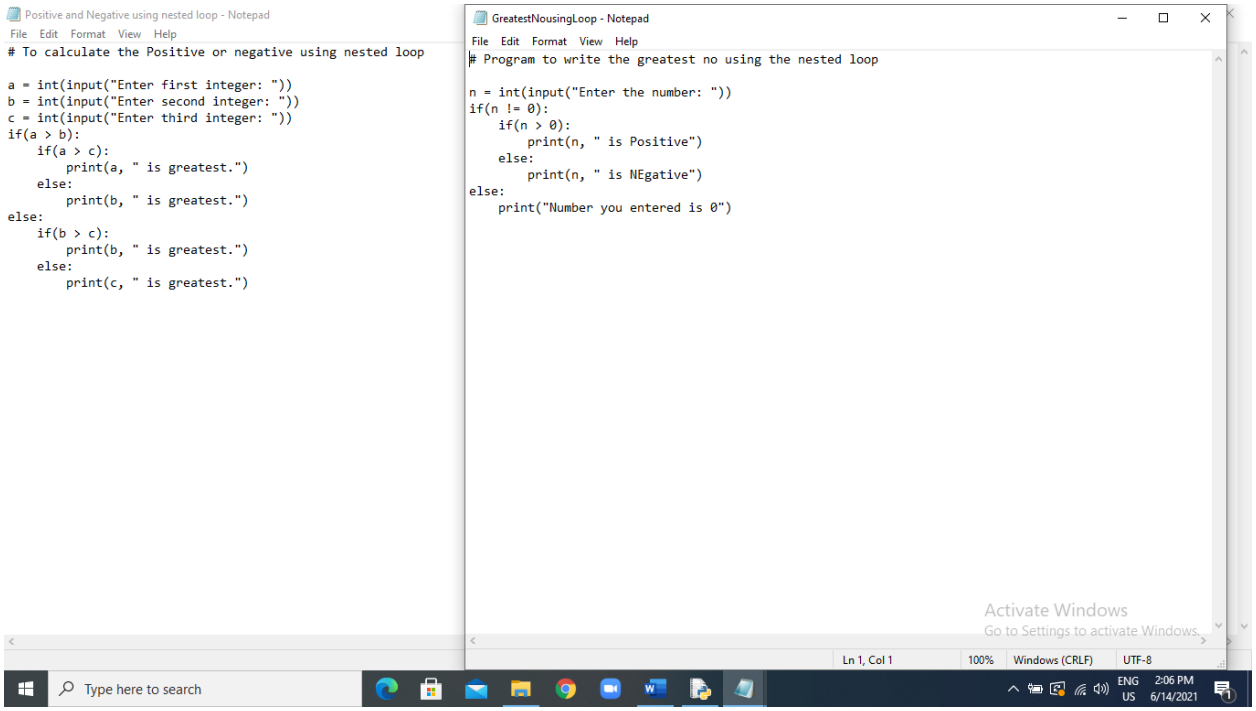


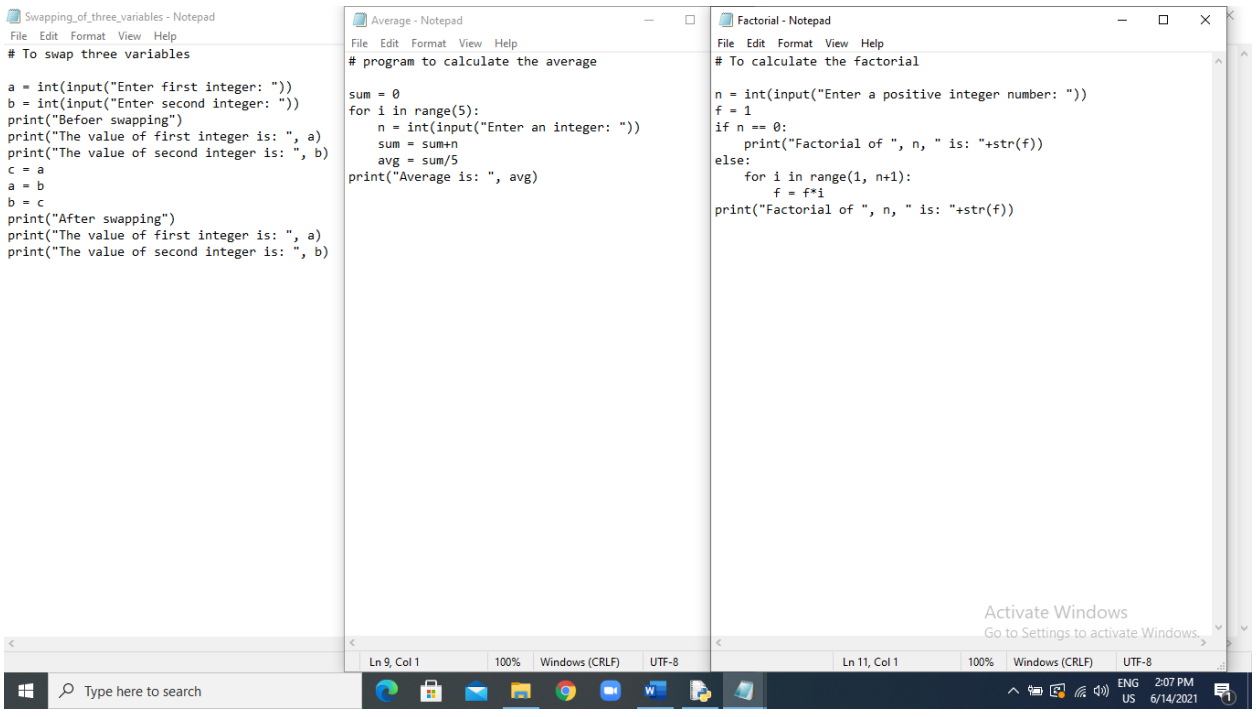
Positive and Negative using nested loop - Notepad

```
# To calculate the Positive or negative using nested loop

a = int(input("Enter first integer: "))
b = int(input("Enter second integer: "))
c = int(input("Enter third integer: "))
if(a > b):
    if(a > c):
        print(a, " is greatest.")
    else:
        print(b, " is greatest.")
else:
    if(b > c):
        print(b, " is greatest.")
    else:
        print(c, " is greatest.")
```

GreatestNousingLoop - Notepad

```
# Program to write the greatest no using the nested loop

n = int(input("Enter the number: "))
if(n != 0):
    if(n > 0):
        print(n, " is Positive")
    else:
        print(n, " is NEgative")
else:
    print("Number you entered is 0")
```

>> FACTORIAL, TO SWAP TWO NOS, AVG



Swapping_of_three_variables - Notepad

```
# To swap three variables

a = int(input("Enter first integer: "))
b = int(input("Enter second integer: "))
print("Befoer swapping")
print("The value of first integer is: ", a)
print("The value of second integer is: ", b)
c = a
a = b
b = c
print("After swapping")
print("The value of first integer is: ", a)
print("The value of second integer is: ", b)
```

Average - Notepad

```
# program to calculate the average

sum = 0
for i in range(5):
    n = int(input("Enter an integer: "))
    sum = sum+n
    avg = sum/5
print("Average is: ", avg)
```

Factorial - Notepad

```
# To calculate the factorial

n = int(input("Enter a positive integer number: "))
f = 1
if n == 0:
    print("Factorial of ", n, " is: "+str(f))
else:
    for i in range(1, n+1):
        f = f*i
print("Factorial of ", n, " is: "+str(f))
```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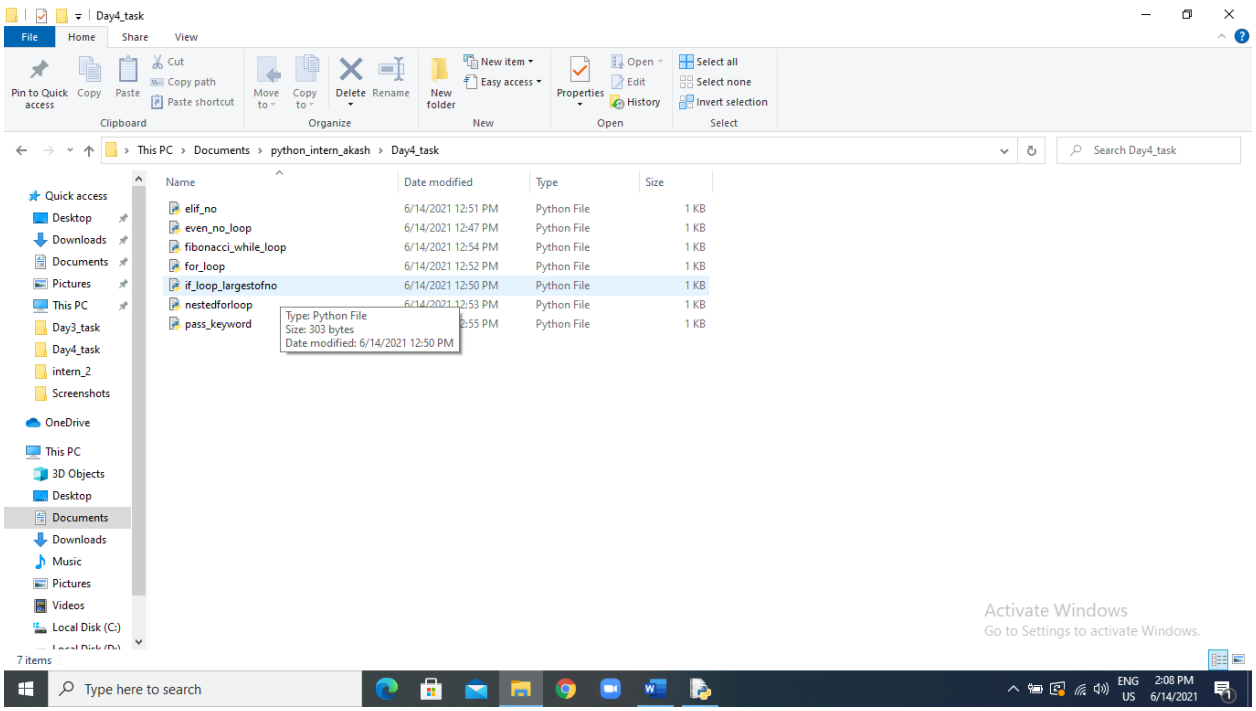
Day 4 :



>> FIBONACCI AND IF-ELIF

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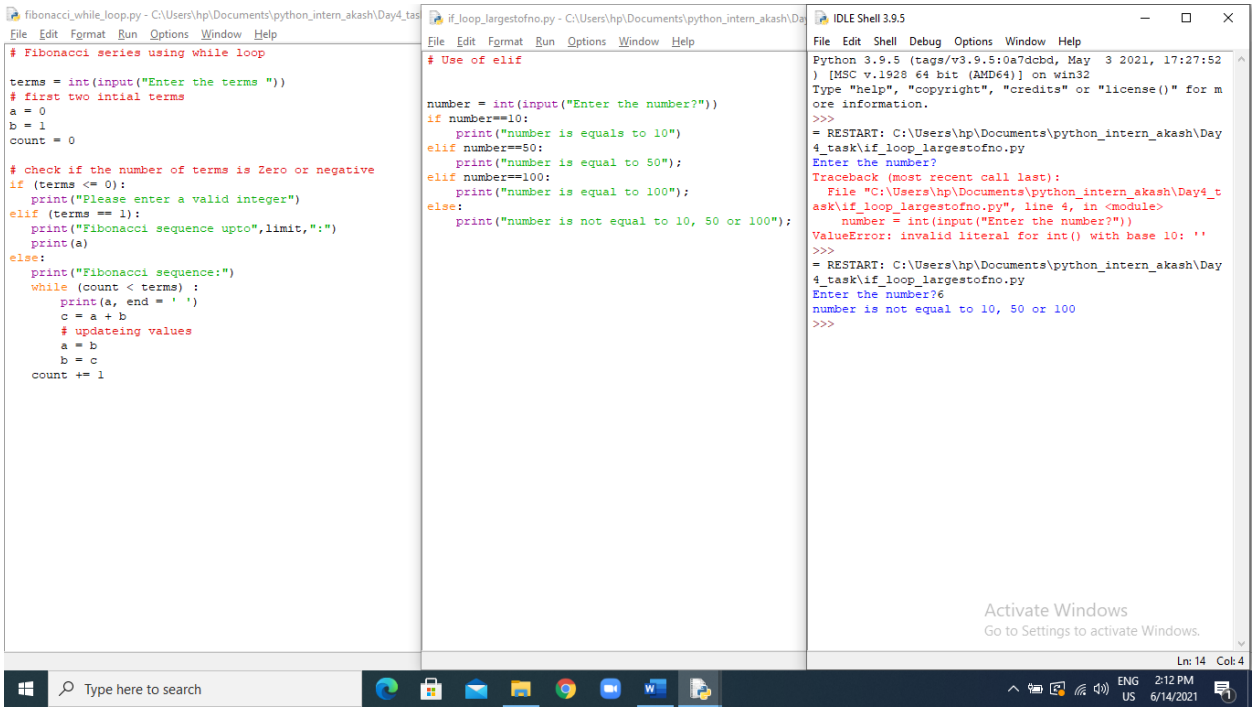
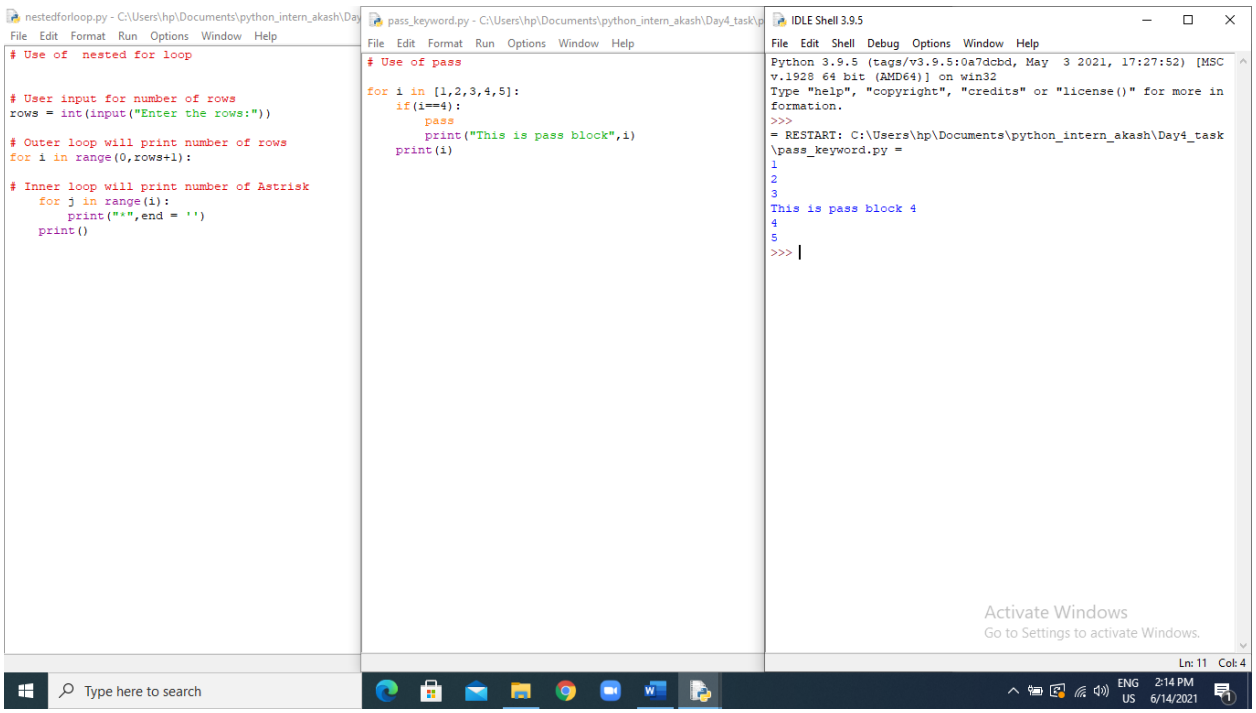


>>NESTEF FOR-LOOP AND USE OF PASS



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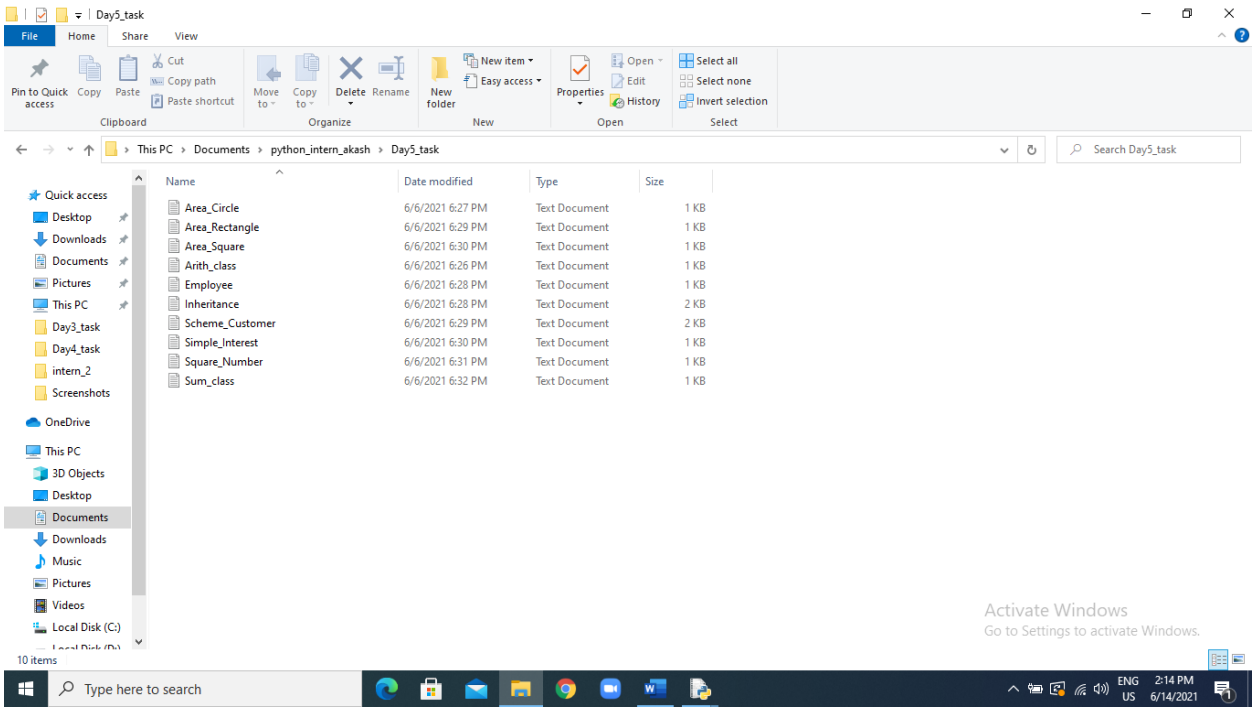
Day 5 :



>>SIMPLE INTEREST AND AREA OF REC-

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Area_Rectangle - Notepad

```
# Create a class cal5 that will calculate area of a rectangle.
# Create constructor method which has two parameters .
# Create calArea() method that will calculate area of a rectangle.
# Create display() method that will display area of a rectangle.
class cal5:

    def __init__(self, l, w):
        self.l = l
        self.w = w

    def calArea(self):
        return((self.l*self.w))

    def display(self):
        return(self.calArea())


l = float(input("Enter length: "))
w = float(input("Enter width: "))
obj = cal5(l, w)
print("Area of Rectangle is:", obj.display())
```

Simple_Interest - Notepad

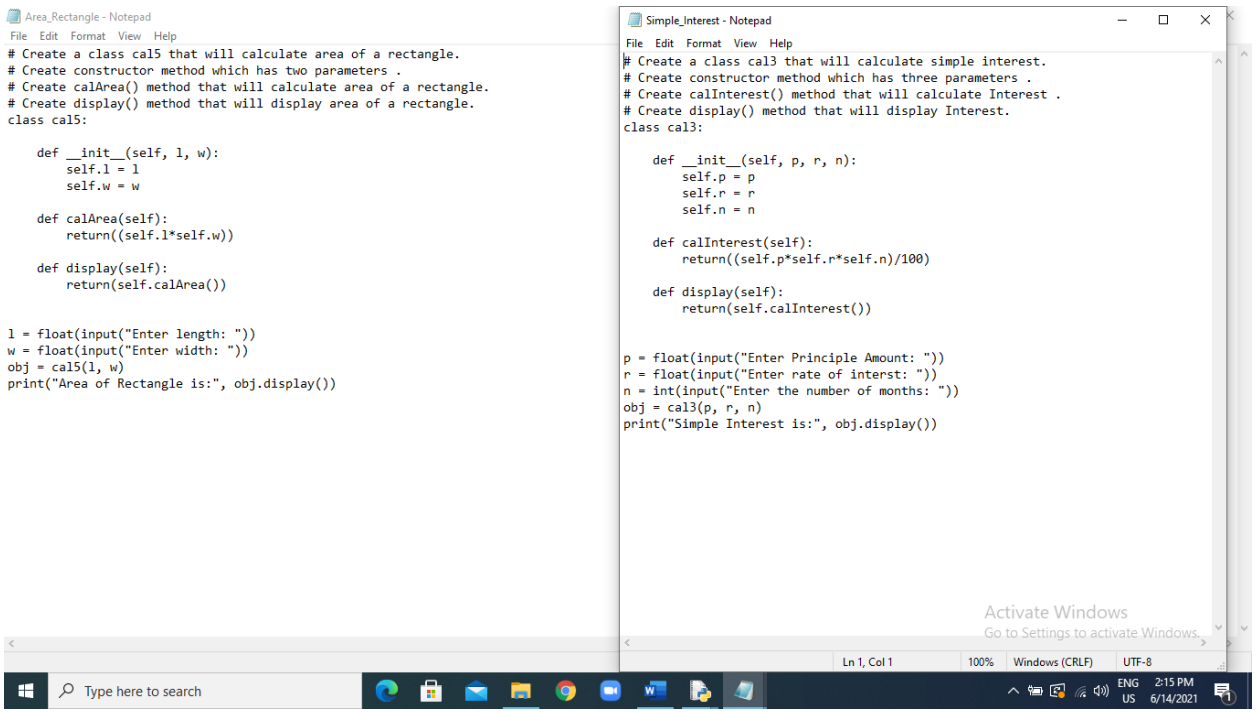
```
# Create a class cal3 that will calculate simple interest.
# Create constructor method which has three parameters .
# Create calInterest() method that will calculate Interest .
# Create display() method that will display Interest.
class cal3:

    def __init__(self, p, r, n):
        self.p = p
        self.r = r
        self.n = n

    def calInterest(self):
        return((self.p*self.r*self.n)/100)

    def display(self):
        return(self.calInterest())


p = float(input("Enter Principle Amount: "))
r = float(input("Enter rate of interst: "))
n = int(input("Enter the number of months: "))
obj = cal3(p, r, n)
print("Simple Interest is:", obj.display())
```



>> SCHEME CUSTOMER ANS INHERITANCE

Inheritance - Notepad

```
# Write a program with use of inheritance: Define a class publisher th

class publisher():
    def __init__(self, title):
        self.title = title

    def gettitle(self):
        return self.title


class book(publisher):
    def __init__(self, title, pno):
        publisher.__init__(self, title)
        self.pno = pno

    def getpno(self):
        return self.pno


class tape(book):
    def __init__(self, title, pno, time):
        book.__init__(self, title, pno)
        self.time = time

    def gettime(self):
        return self.time


title = input("Enter the name of title: ")
pno = int(input("Enter Page Number: "))
time = (input("Enter Time: "))
obj = tape(title, pno, time)
print("Title Name: ", obj.gettitle())
print("Page Number: ", obj.getpno())
print("Time: ", obj.gettime())
```

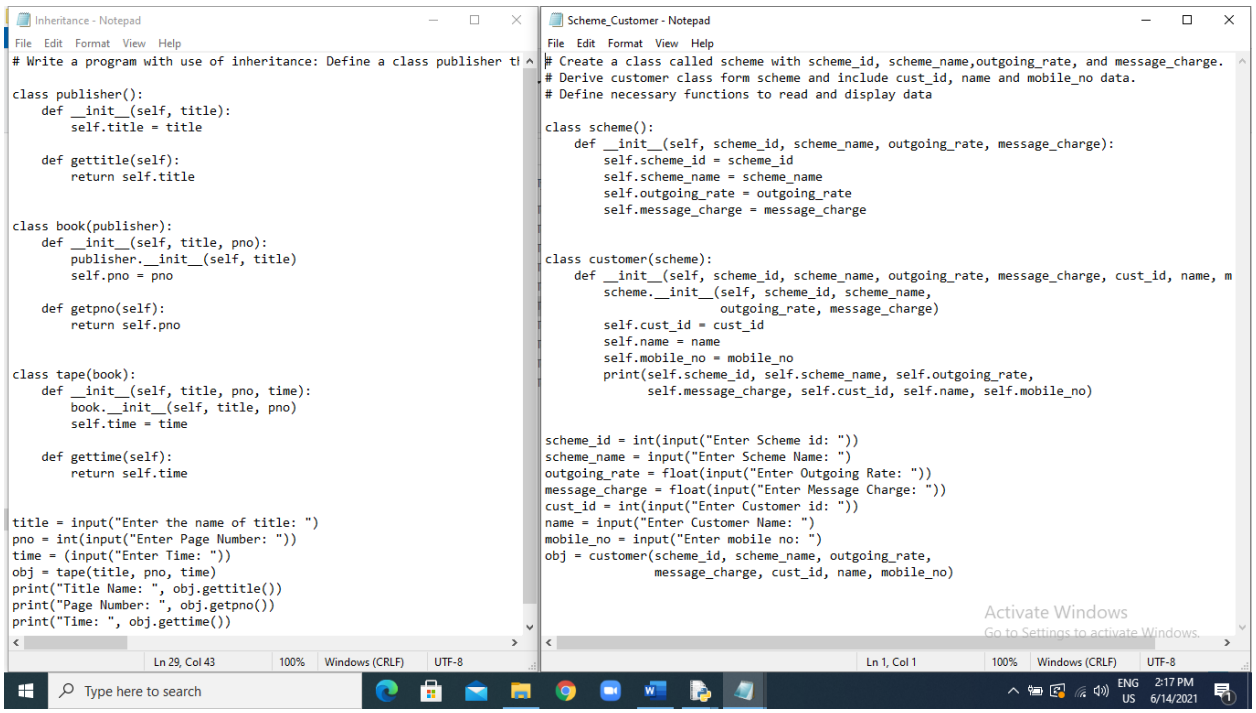
Scheme_Customer - Notepad

```
# Create a class called scheme with scheme_id, scheme_name,outgoing_rate, and message_charge.
# Derive customer class form scheme and include cust_id, name and mobile_no data.
# Define necessary functions to read and display data

class scheme():
    def __init__(self, scheme_id, scheme_name, outgoing_rate, message_charge):
        self.scheme_id = scheme_id
        self.scheme_name = scheme_name
        self.outgoing_rate = outgoing_rate
        self.message_charge = message_charge


class customer(scheme):
    def __init__(self, scheme_id, scheme_name, outgoing_rate, message_charge, cust_id, name, m
        scheme.__init__(self, scheme_id, scheme_name,
                        outgoing_rate, message_charge)
        self.cust_id = cust_id
        self.name = name
        self.mobile_no = mobile_no
        print(self.scheme_id, self.scheme_name, self.outgoing_rate,
              self.message_charge, self.cust_id, self.name, self.mobile_no)


scheme_id = int(input("Enter Scheme id: "))
scheme_name = input("Enter Scheme Name: ")
outgoing_rate = float(input("Enter Outgoing Rate: "))
message_charge = float(input("Enter Message Charge: "))
cust_id = int(input("Enter Customer id: "))
name = input("Enter Customer Name: ")
mobile_no = input("Enter mobile no: ")
obj = customer(scheme_id, scheme_name, outgoing_rate,
               message_charge, cust_id, name, mobile_no)
```



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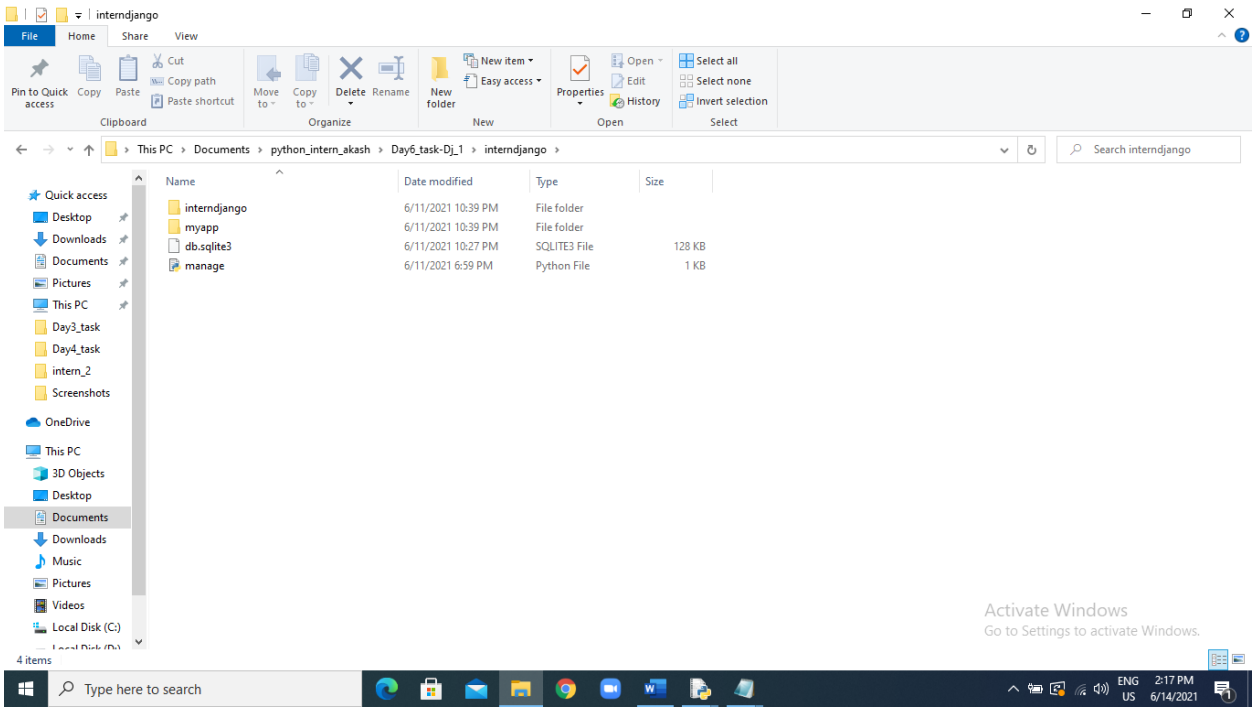
Day 6 : Django works --- Introduction and Installation done



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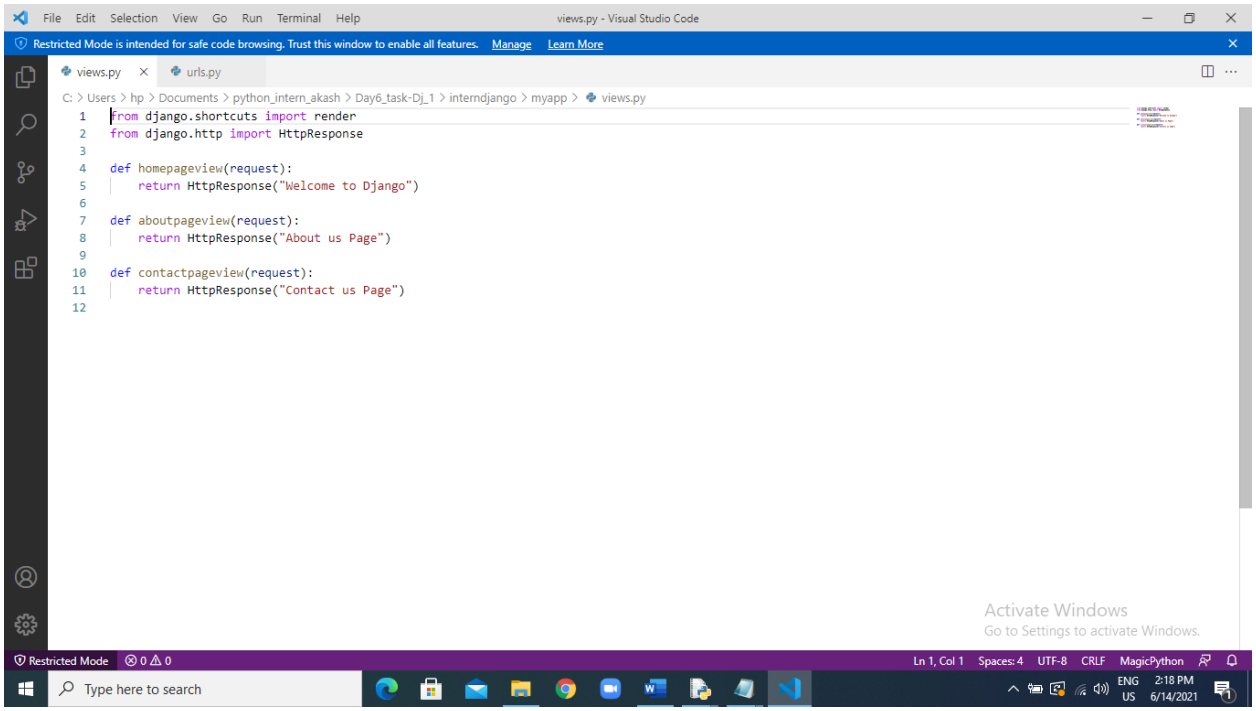

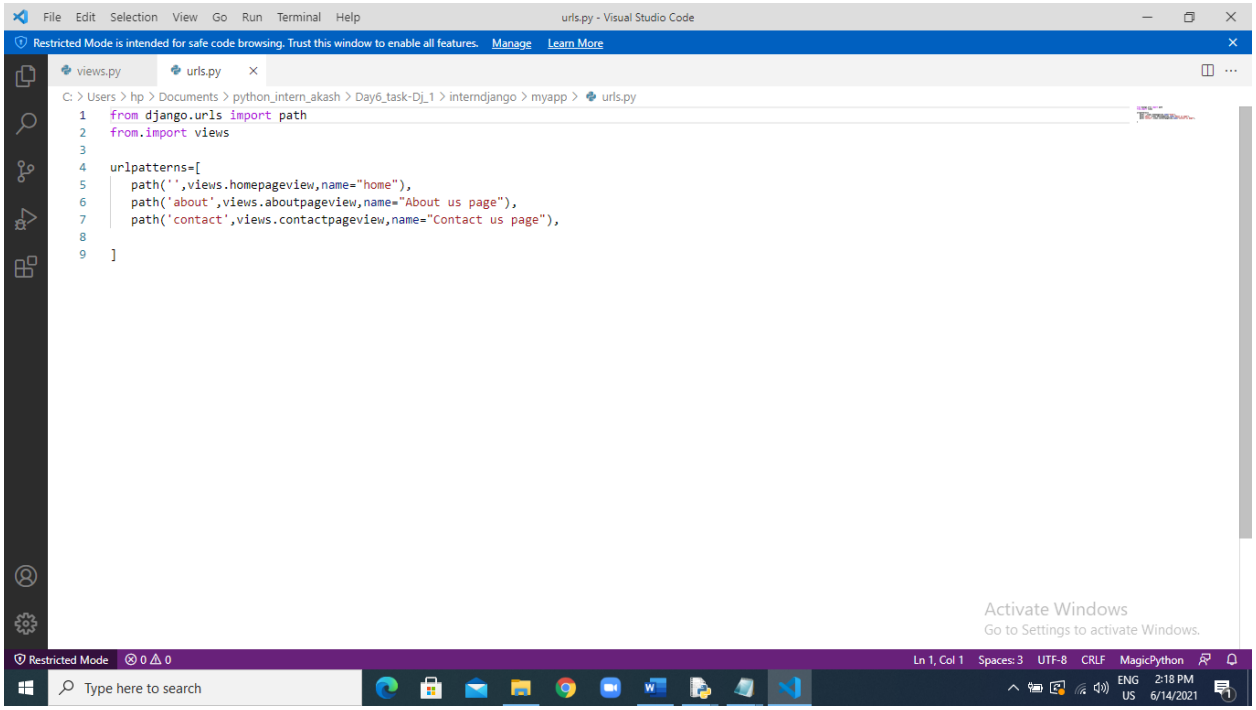

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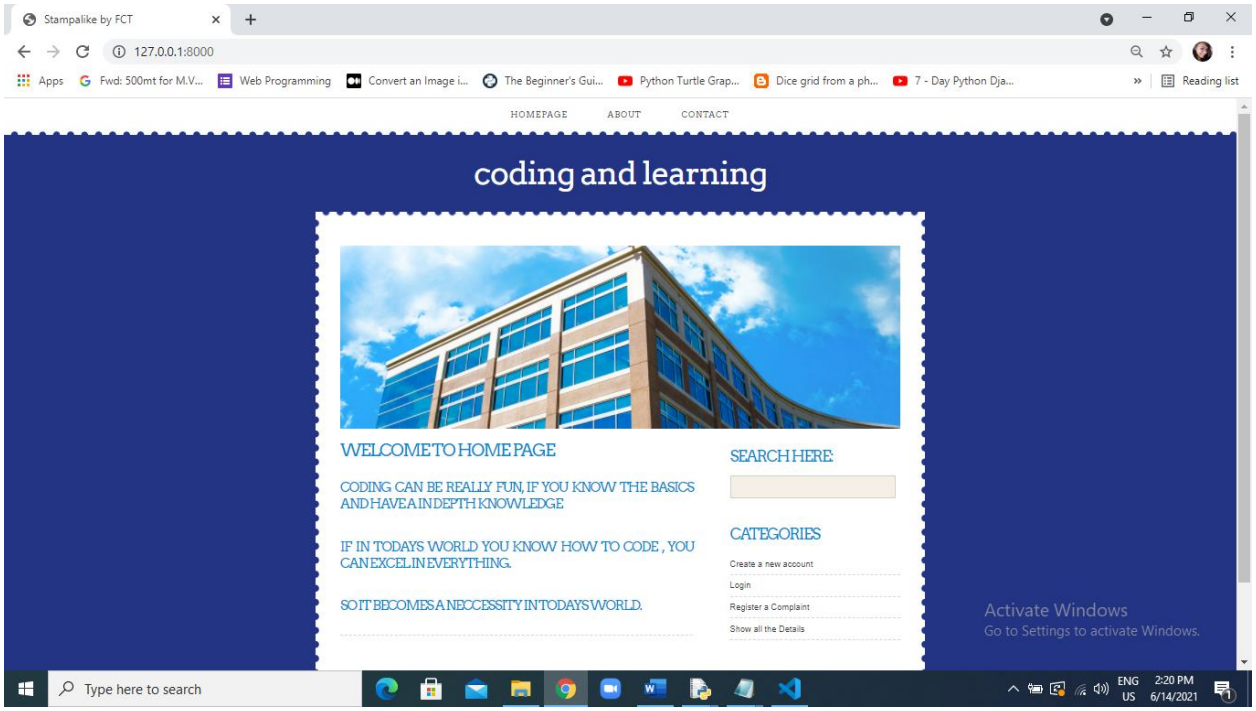

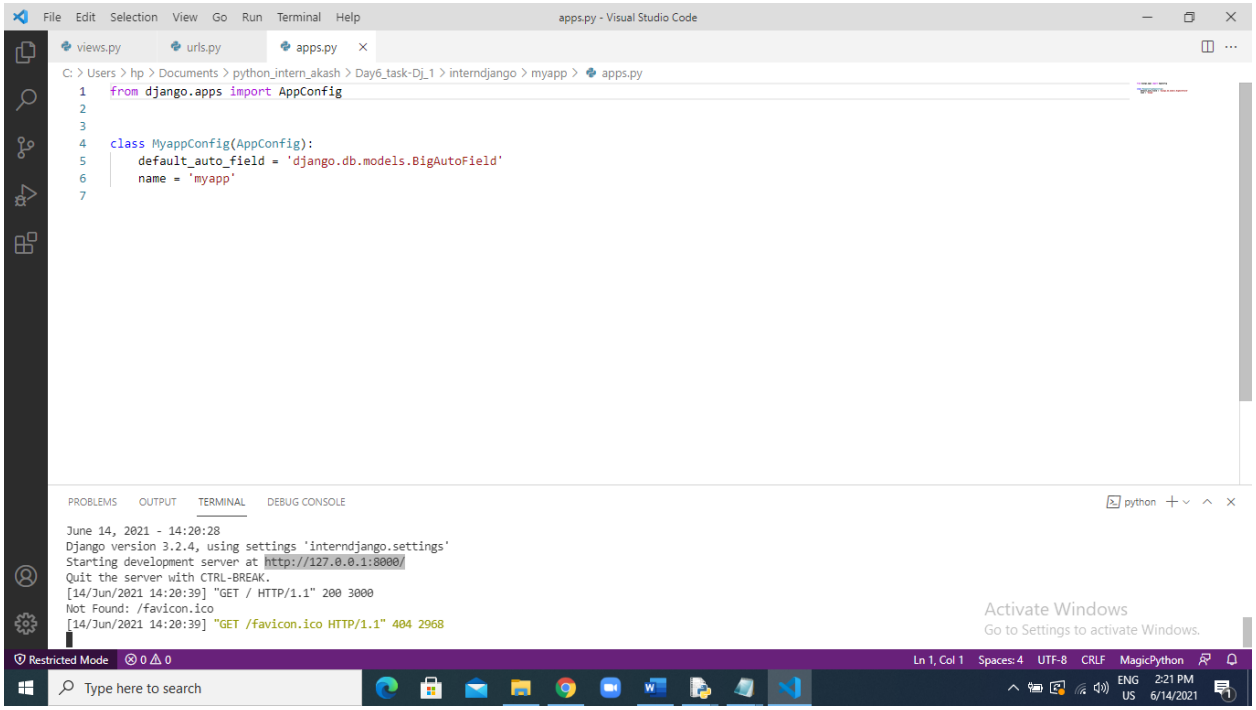

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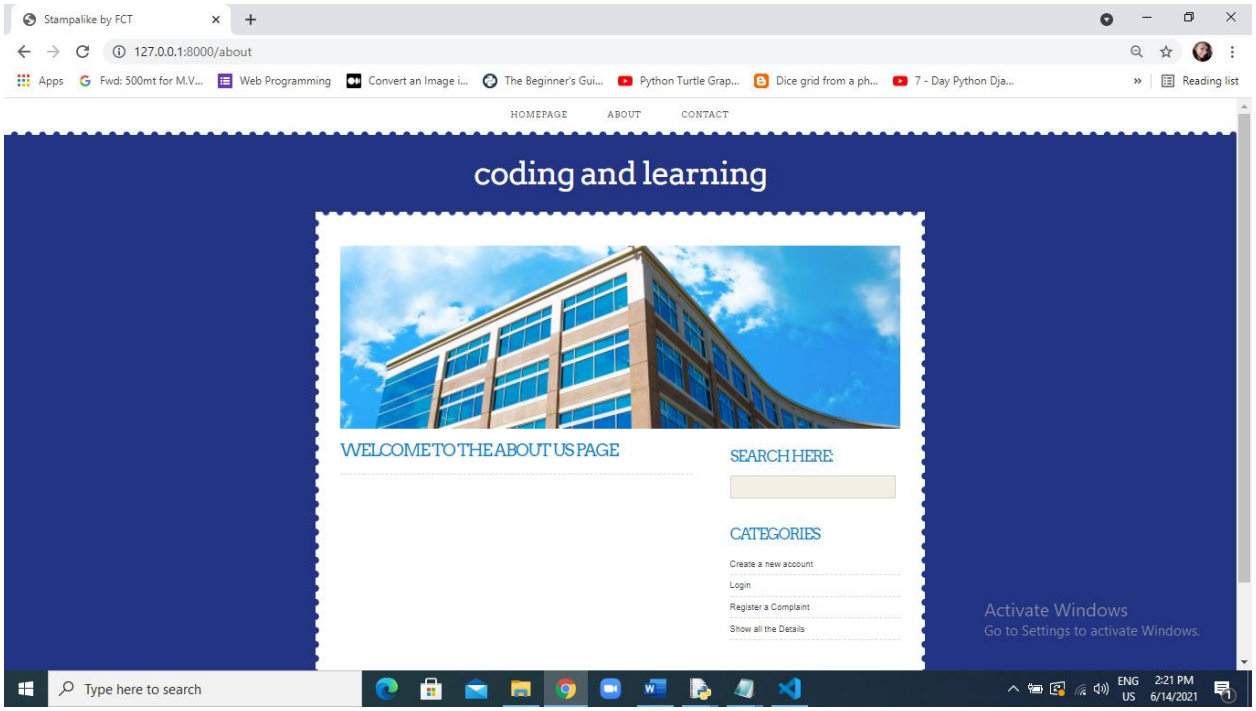
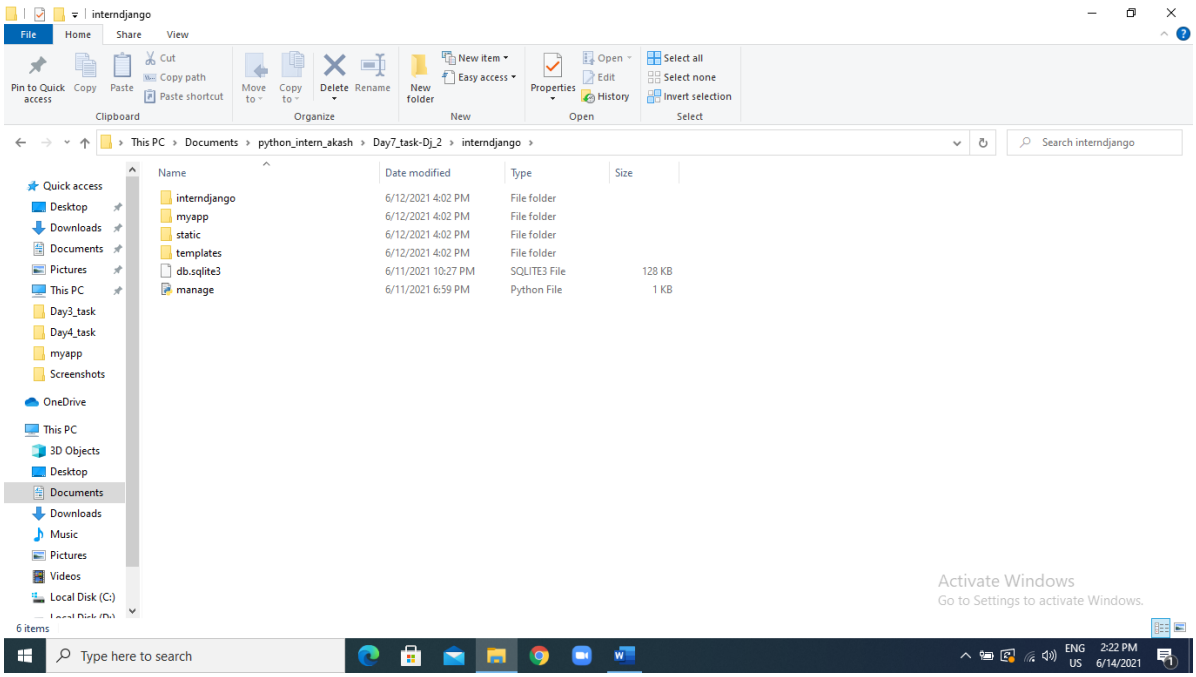


Day7 : CREATION OF AN APP NAMED **MYAPP**



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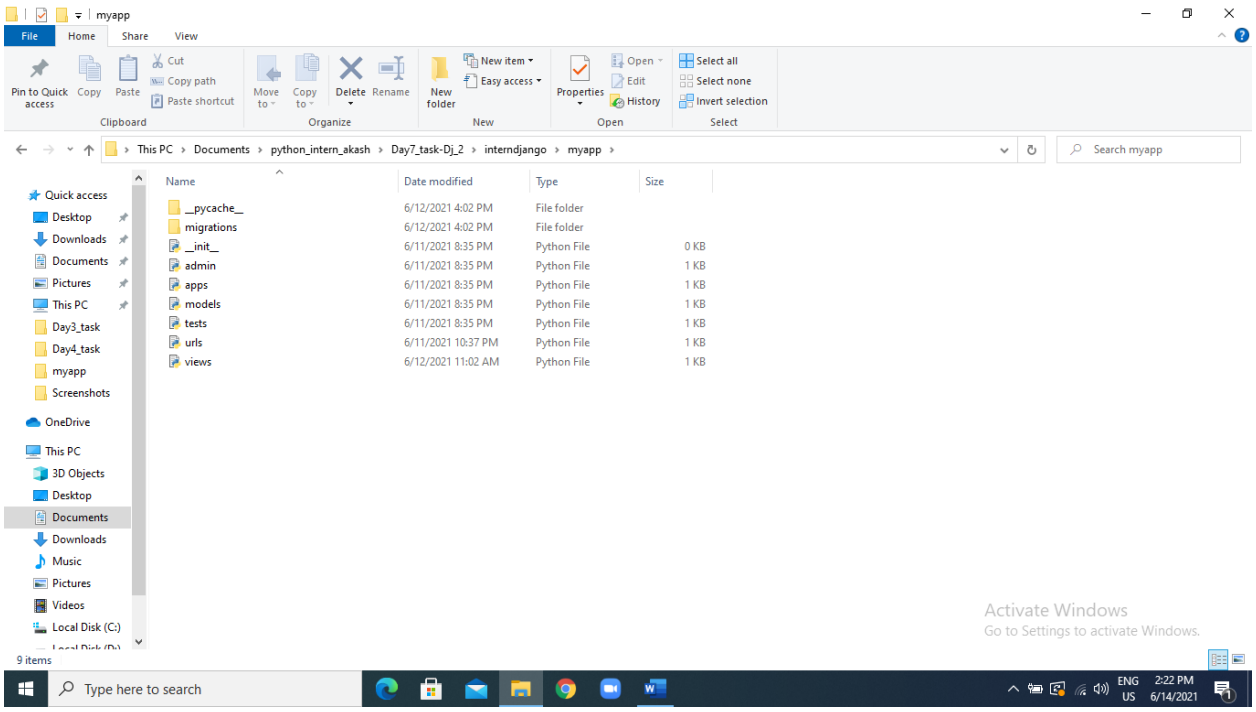

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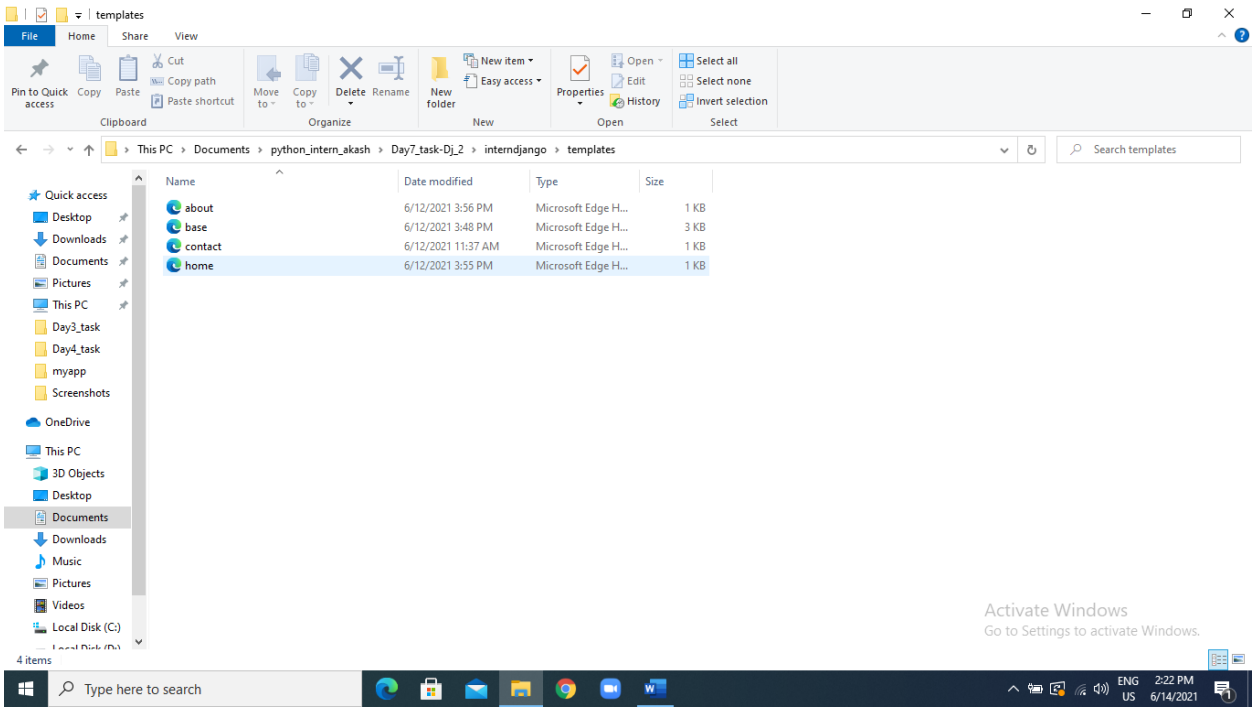

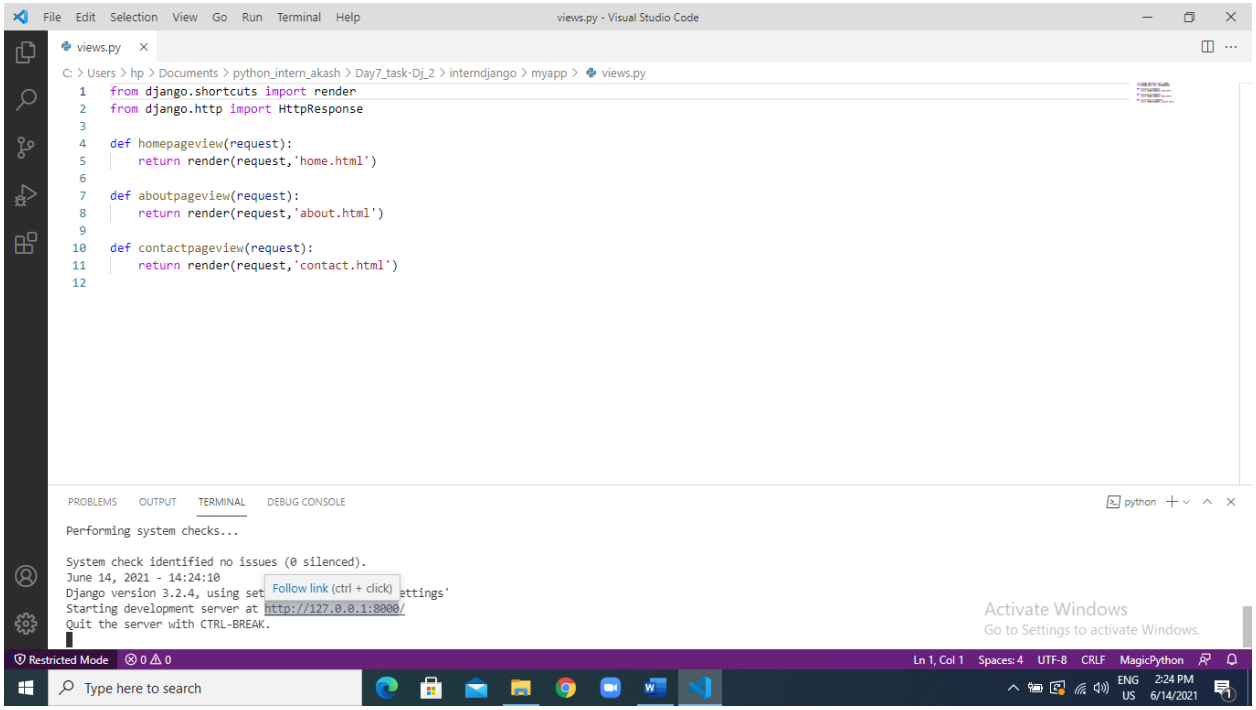

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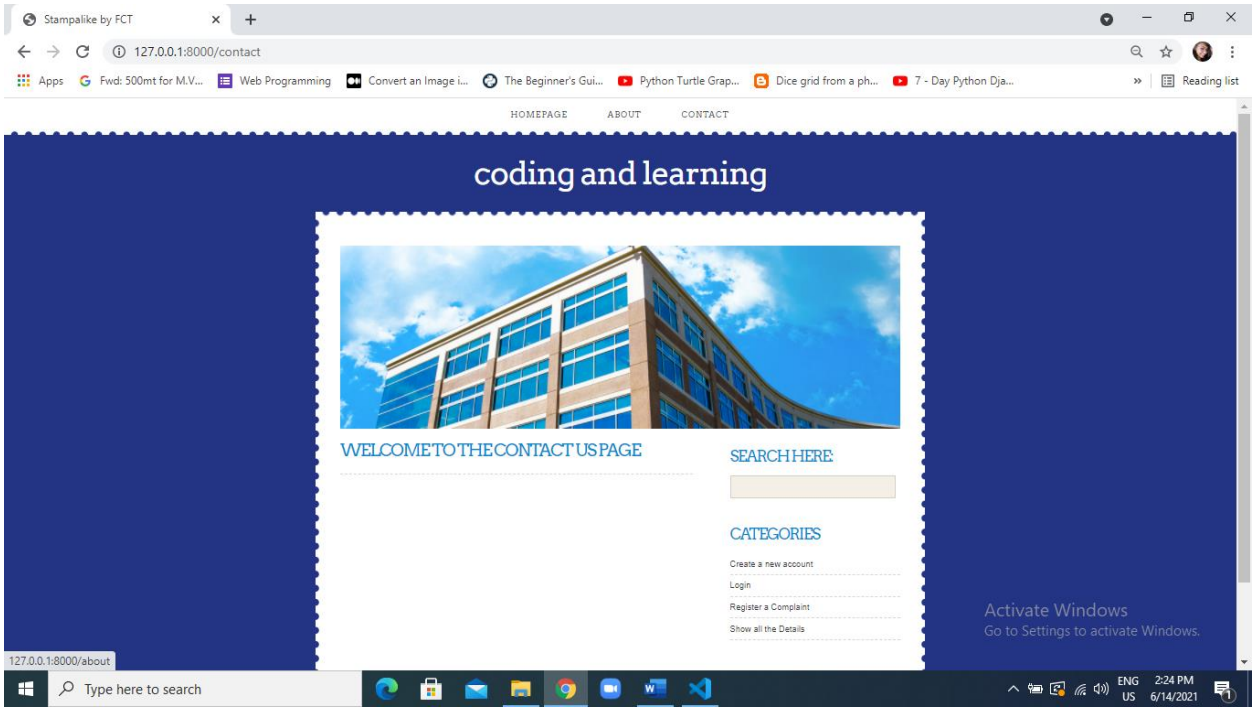
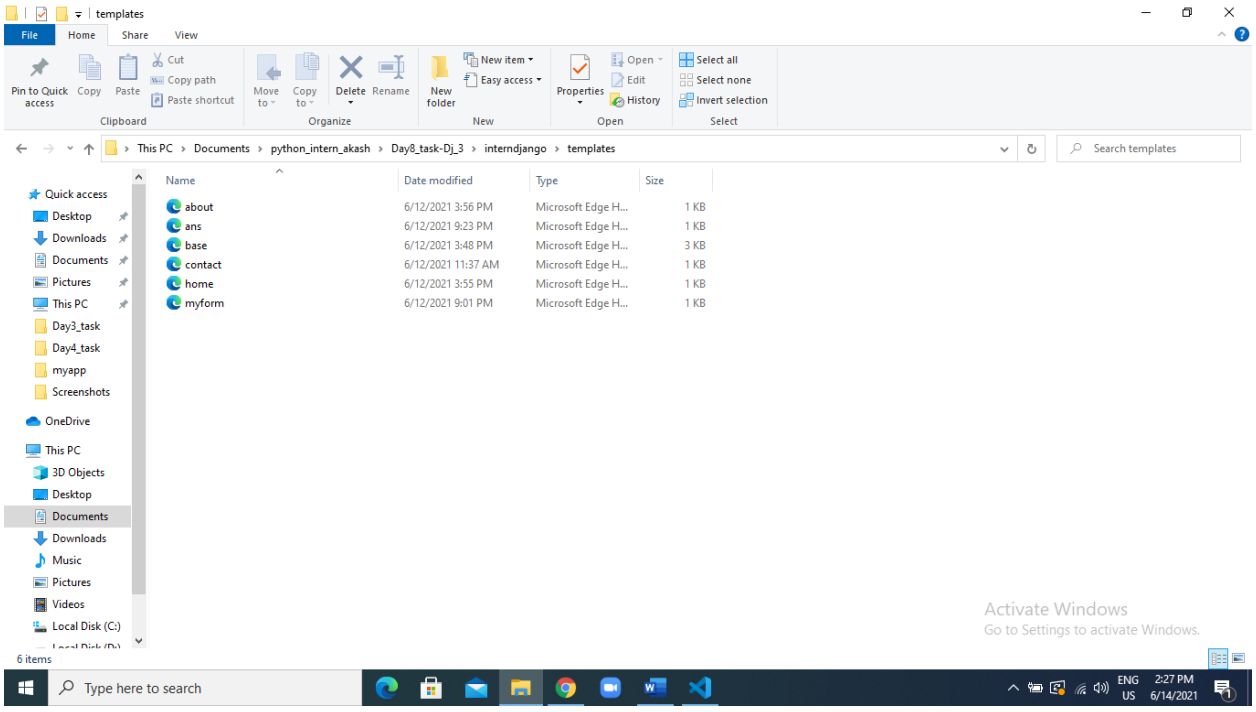


Day 8 : CREATION OF FORM



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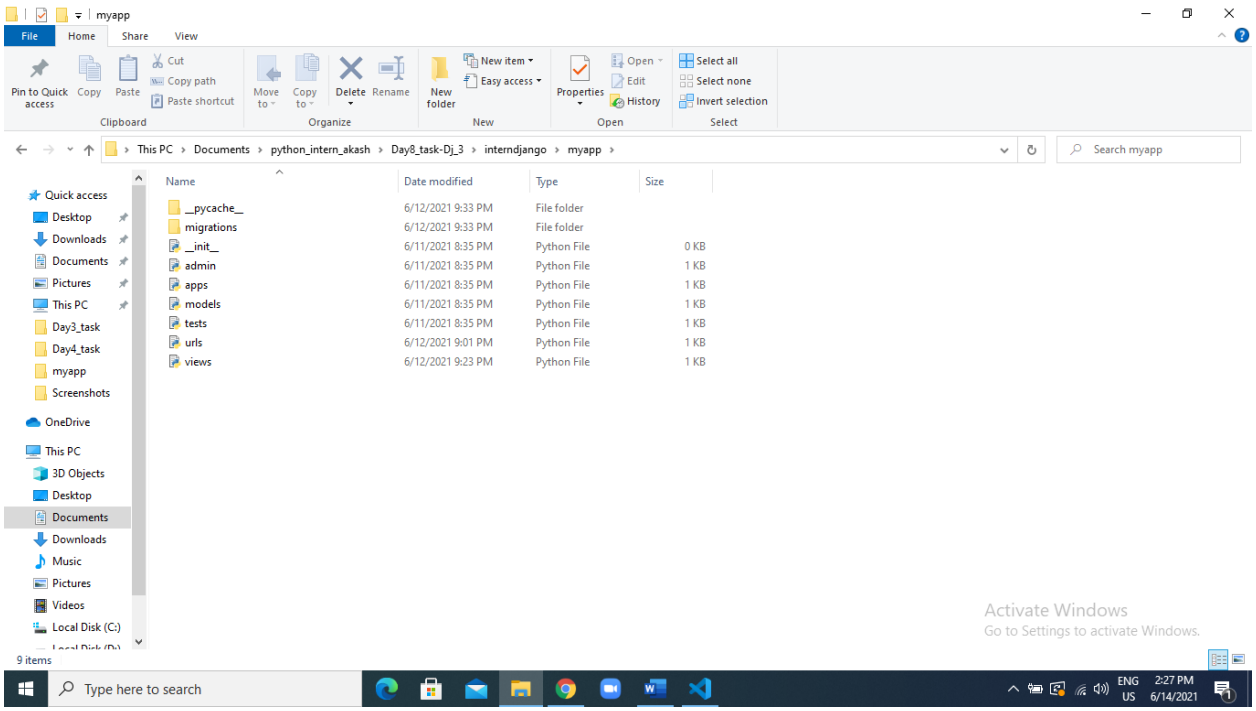

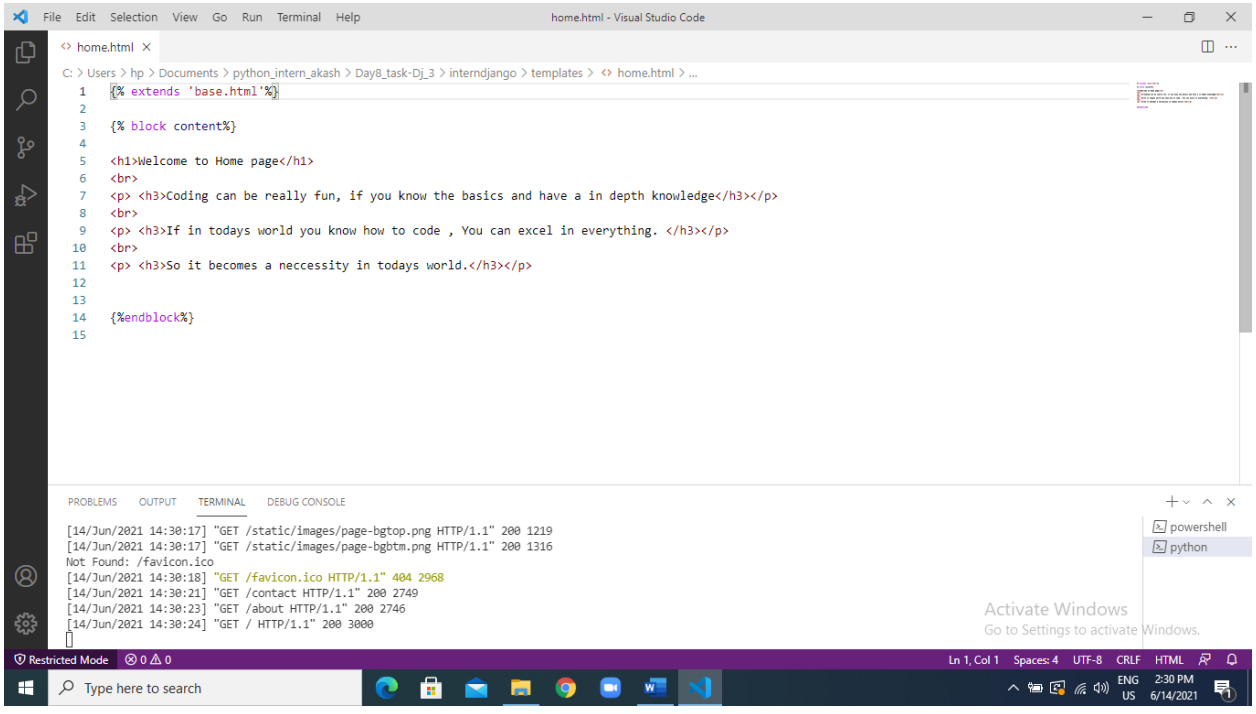

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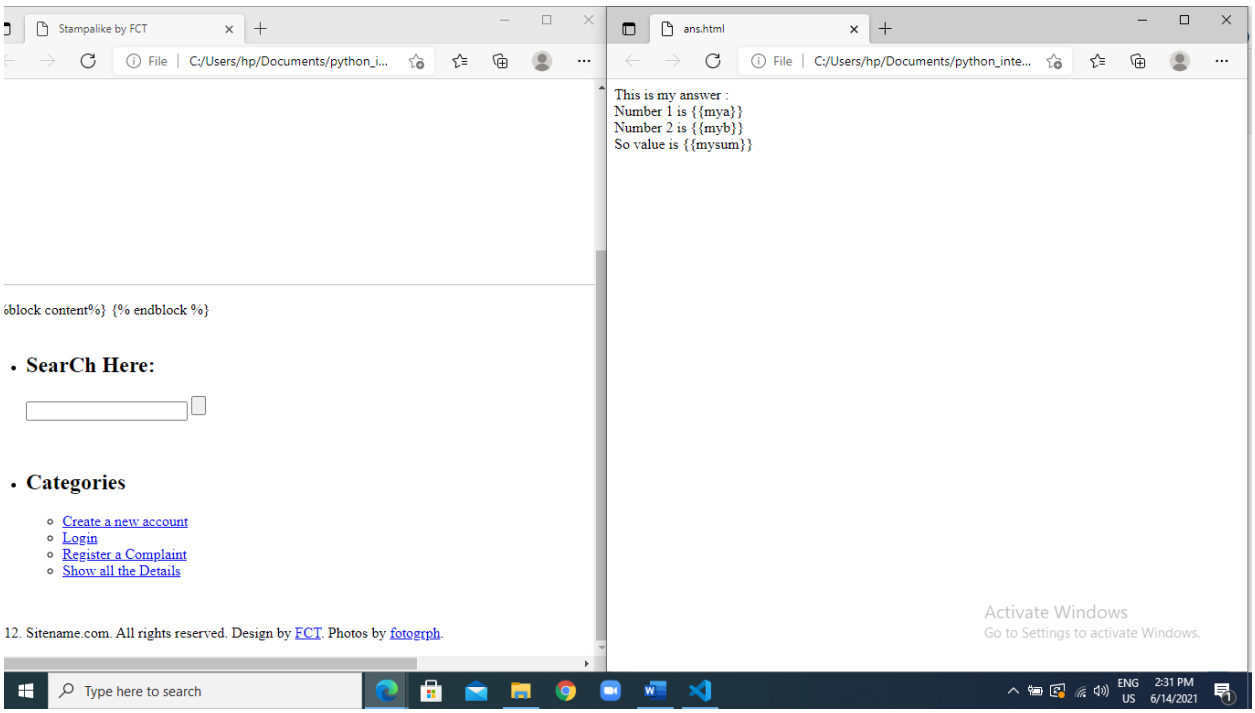

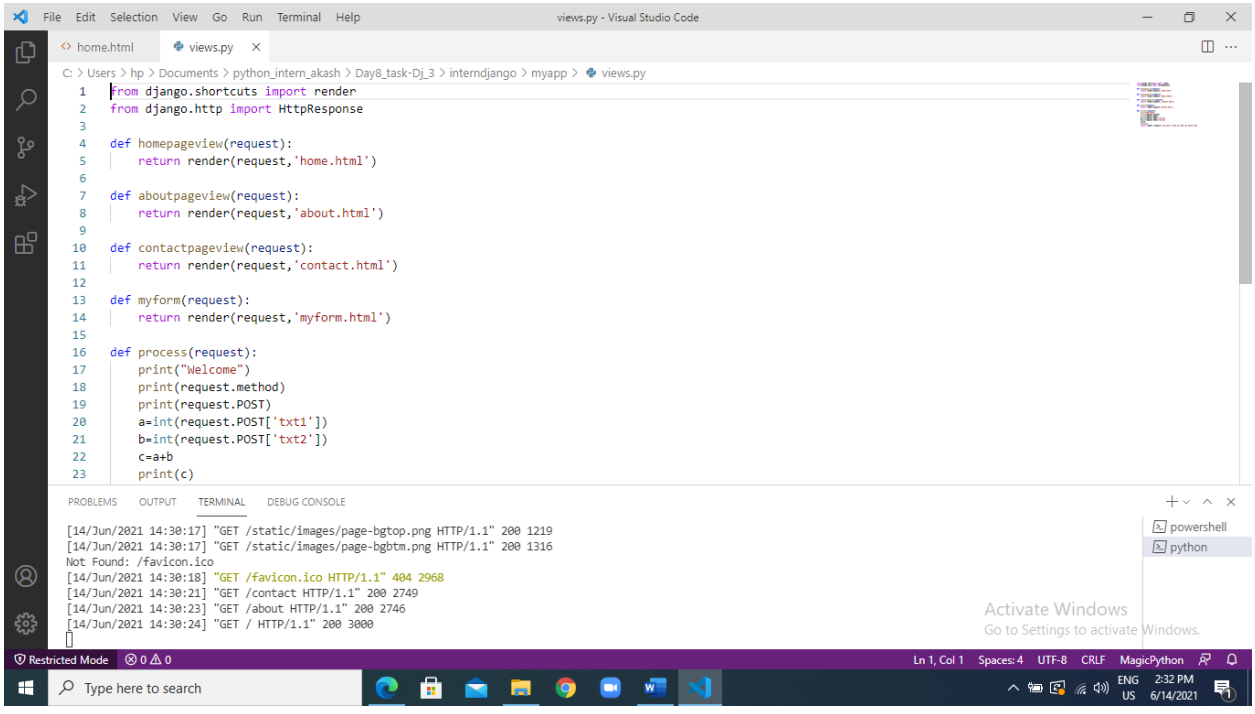

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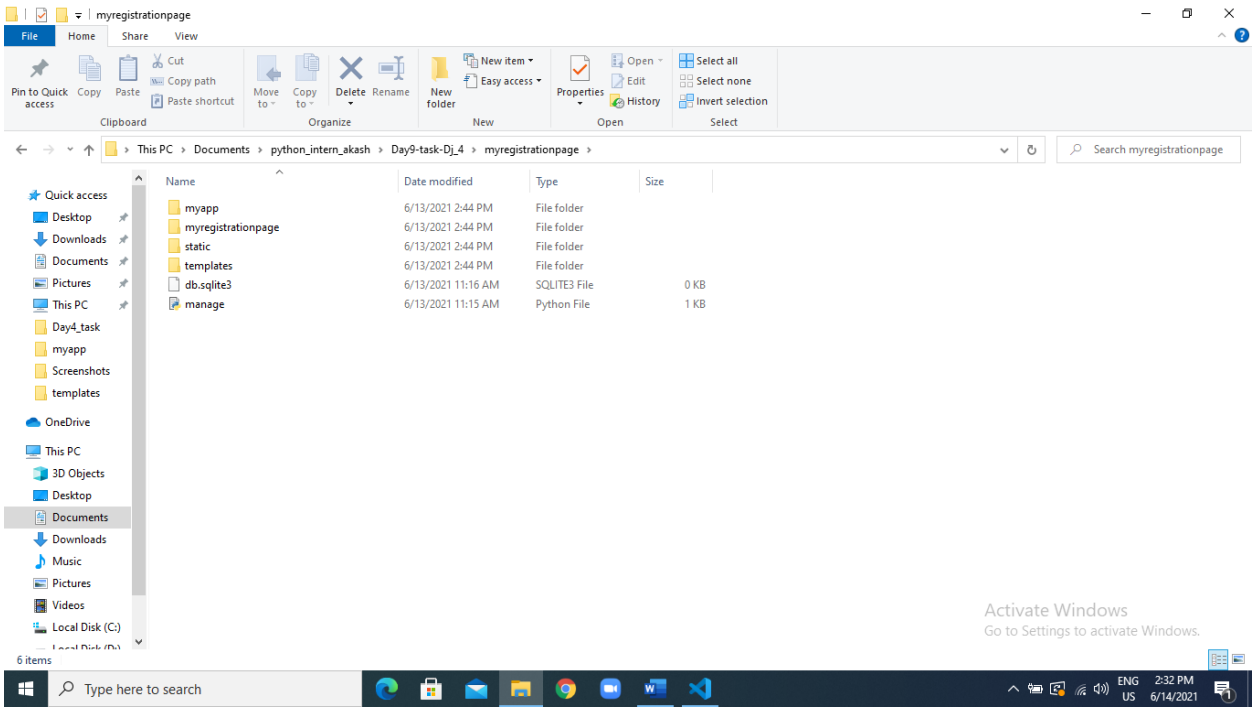

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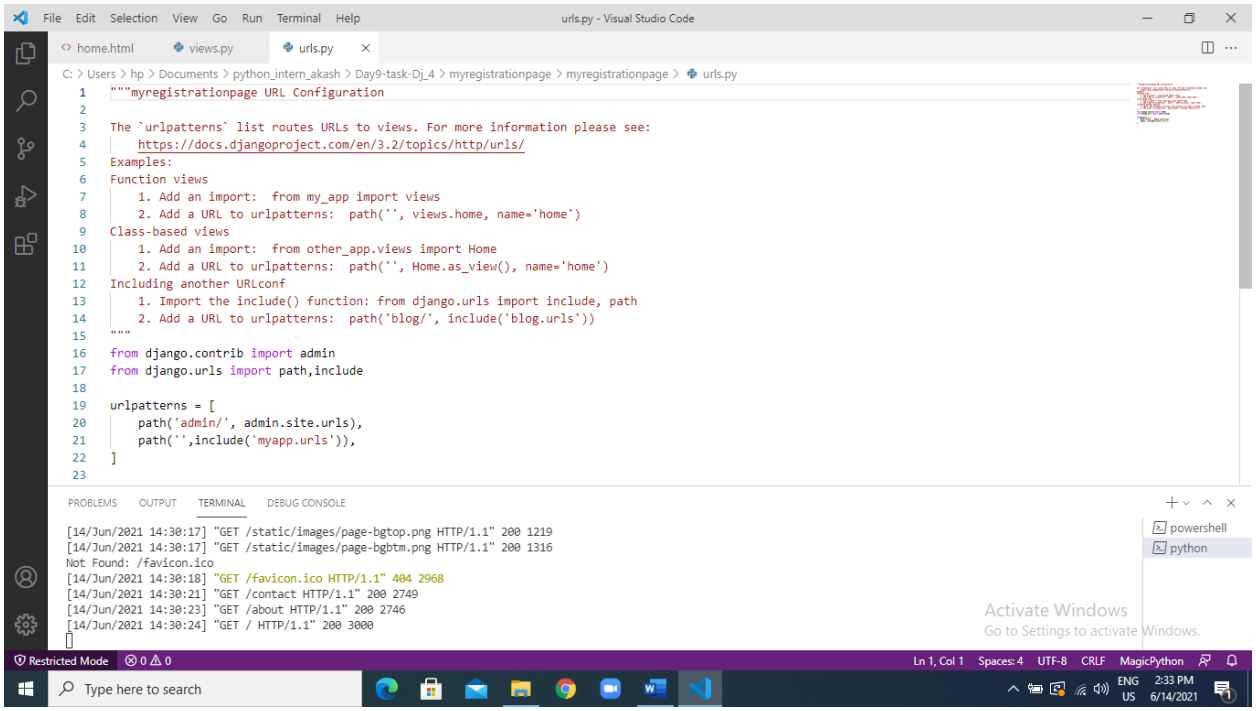

Day 9 :::: Practice by self task ::::: Sign in page

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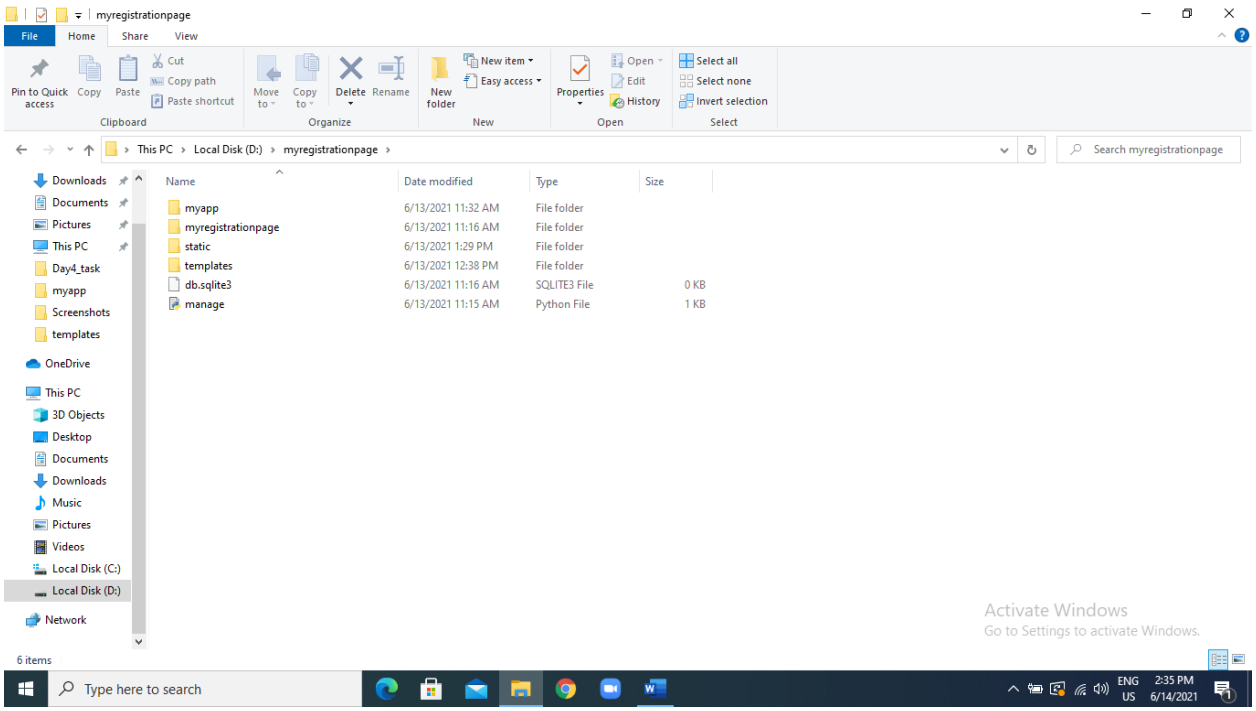
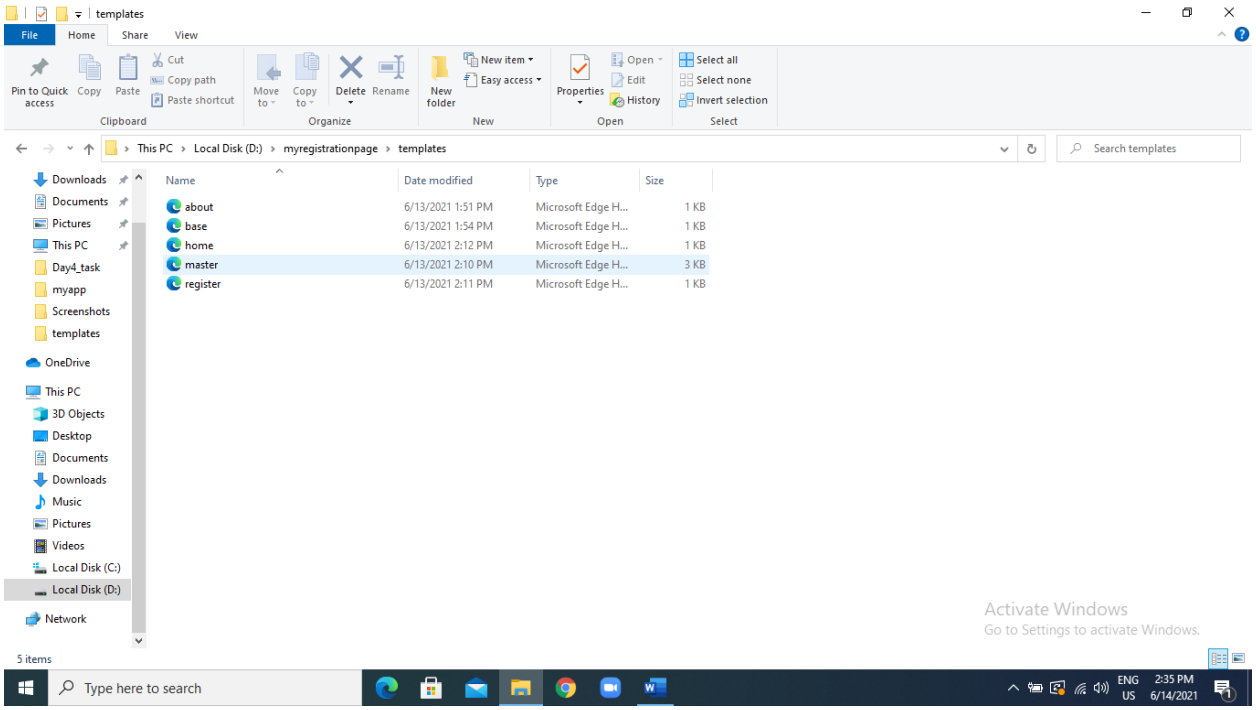
GIT HUB URL -- https://github.com/RiyaSarkar-147/Python_15days_internship





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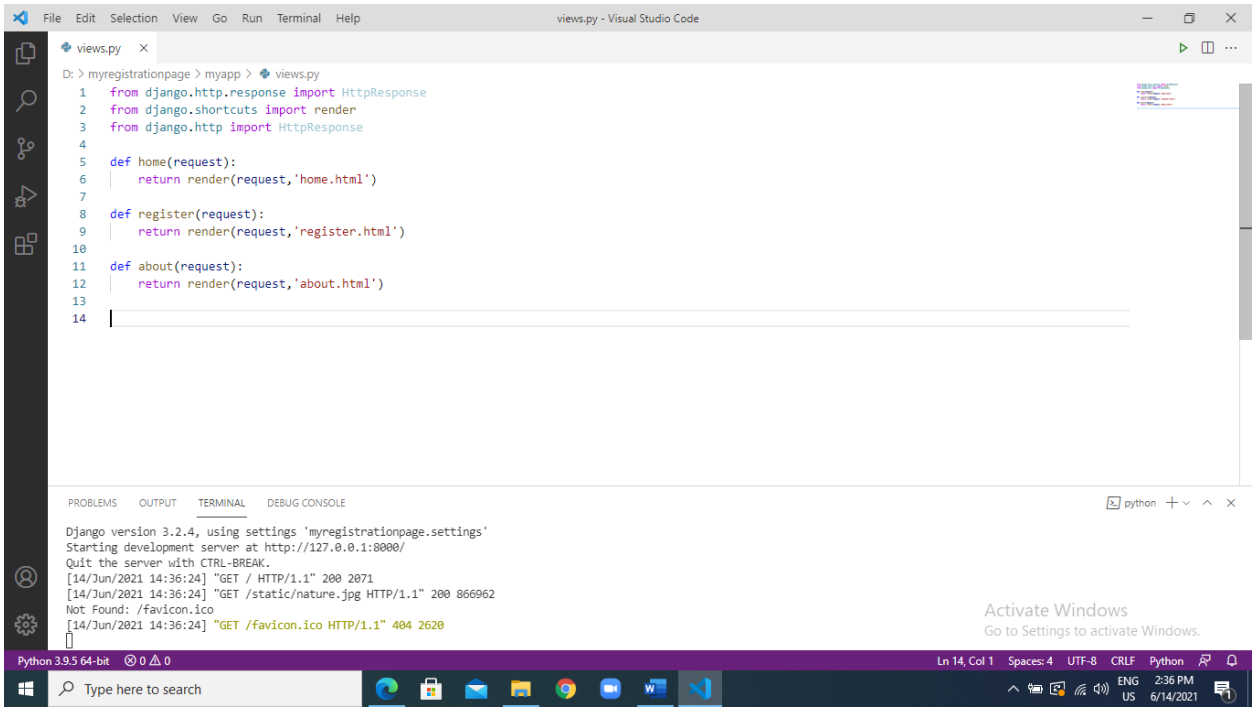

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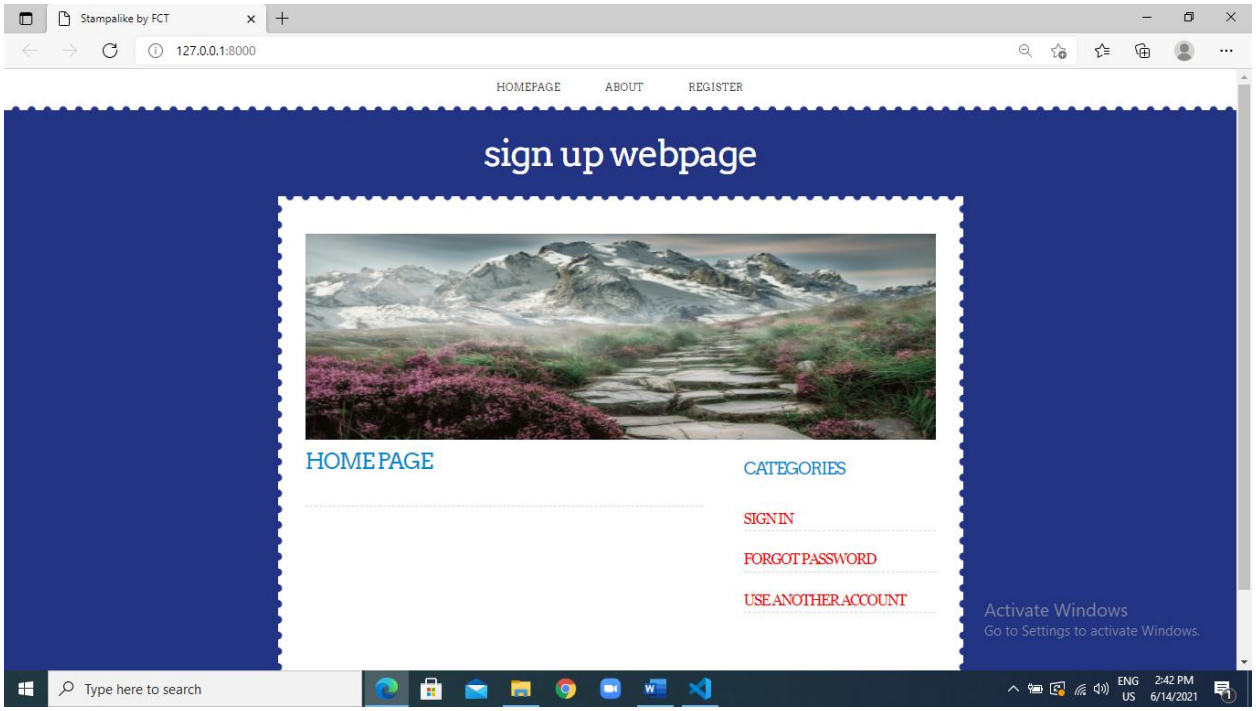

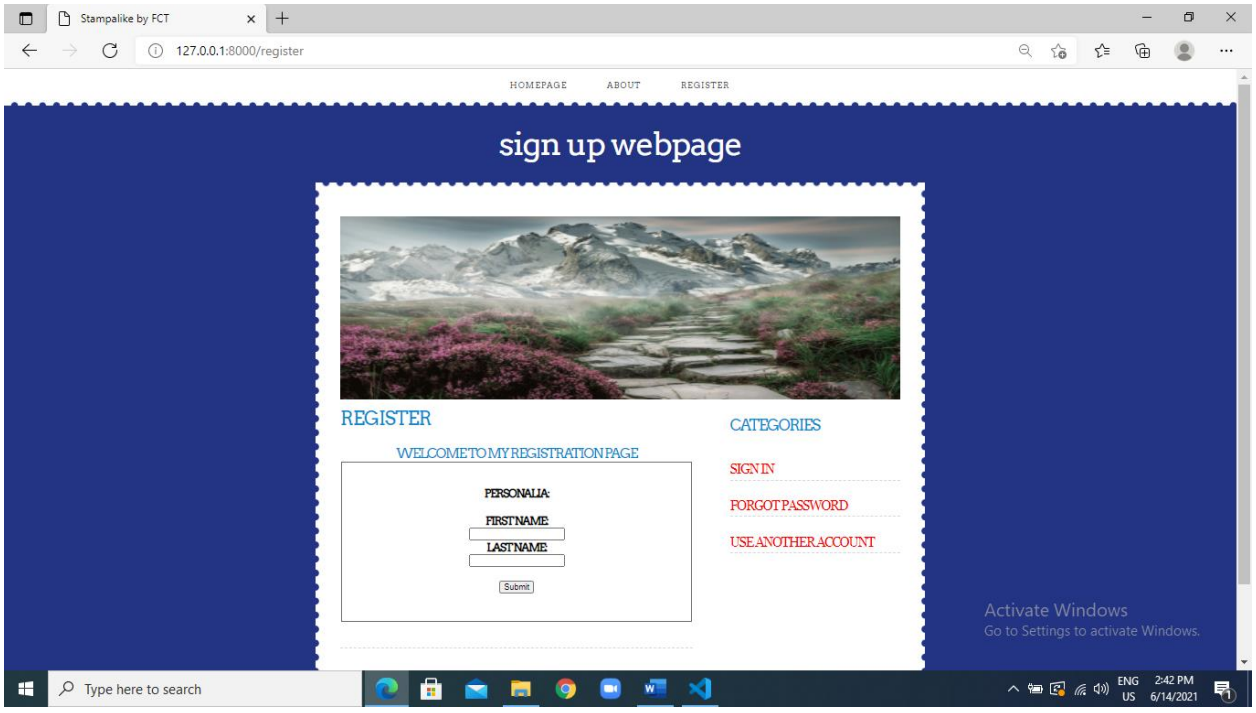

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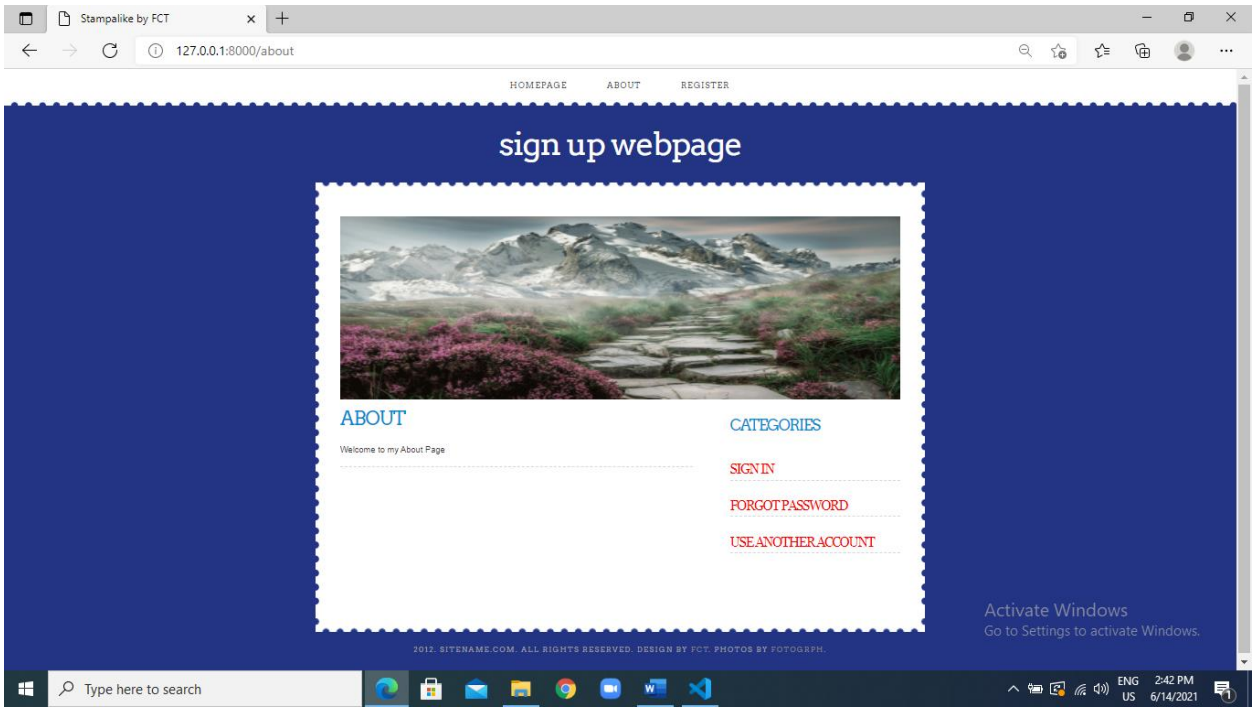

THANK – YOU!!!

WORK SUBMITTED BY : RIYA SARKAR

EN NO- 181250107049

SSIT-BHAT

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