Date – 04/06/2021

Name – Vishal Prajapati
College – GOVERANMENT ENGINEERING COLLEGE, MODASABranch – Information Technology (BE)

Sem -7th

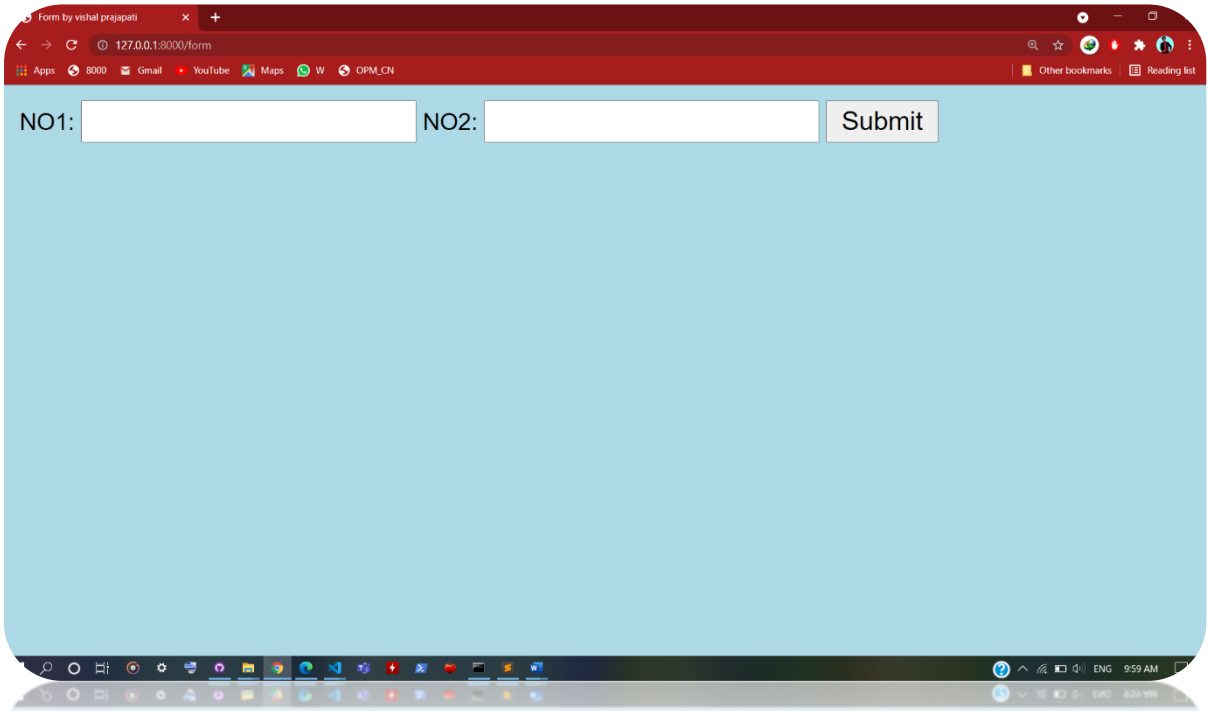
Task for Day 9

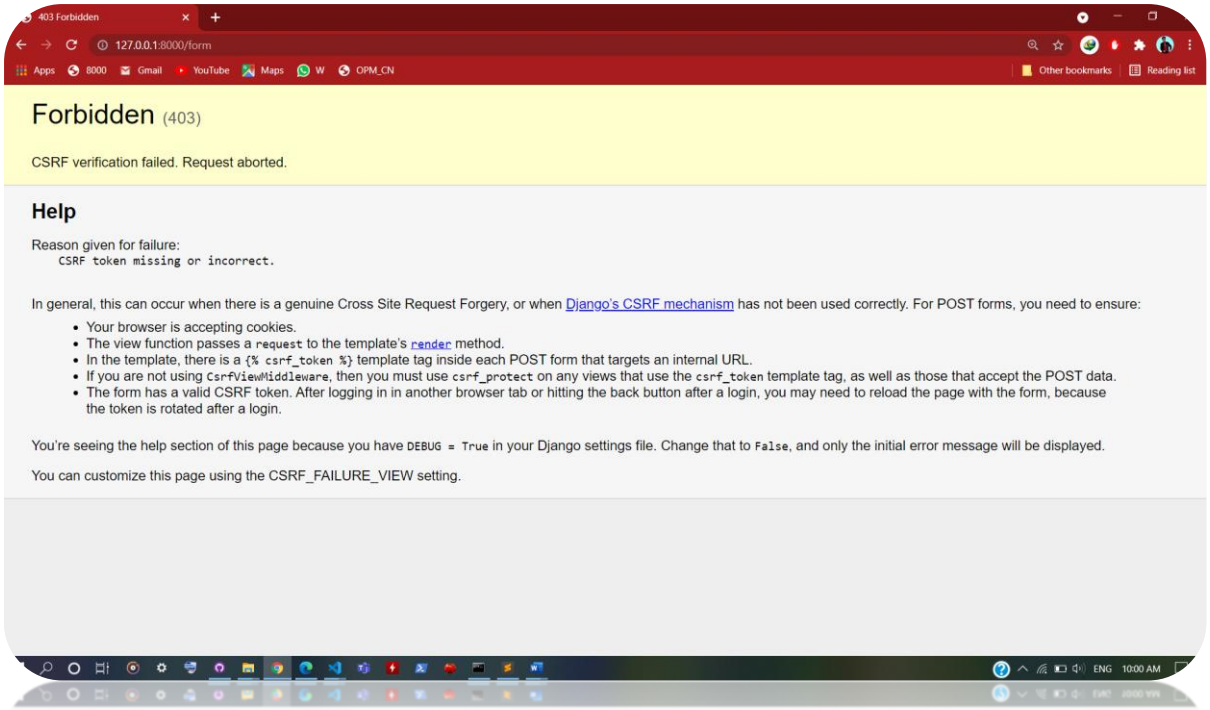
Python Get Post Method:

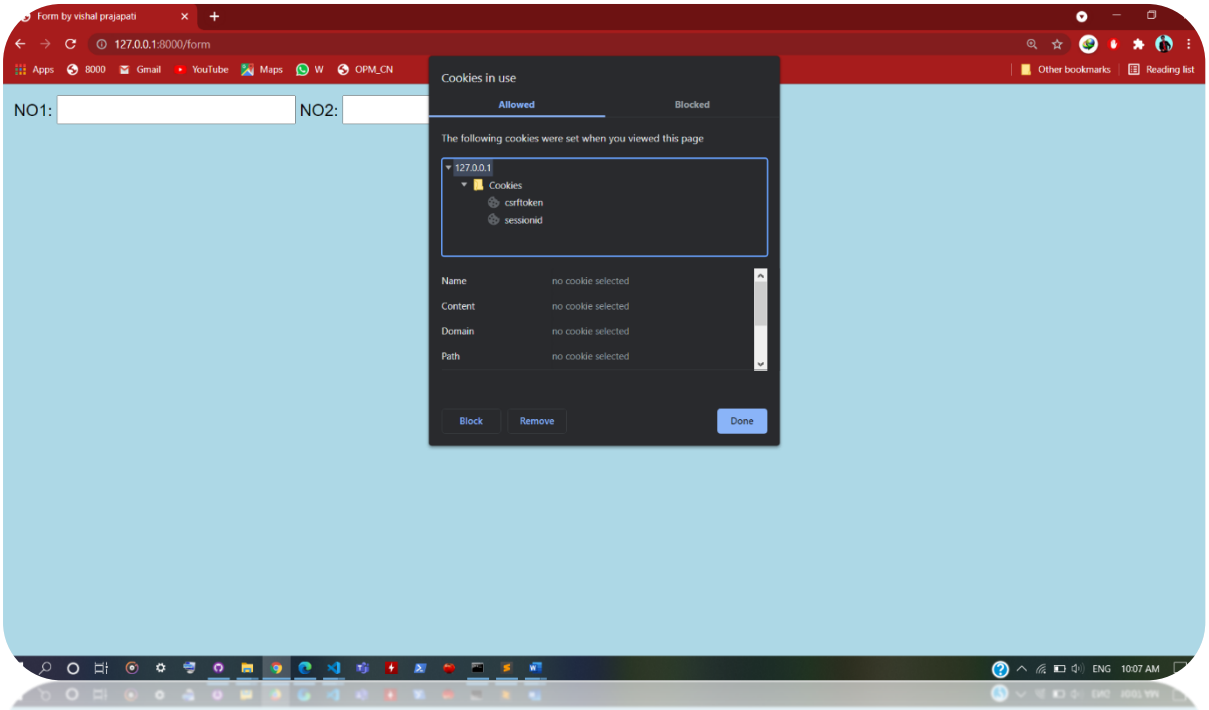
Define myform.html

```
<html>
  <head>
    <title>Form by vishal prajapati</title>
  </head>
  <body bgcolor="lightblue">
    <form method="post" action='/formprocess'>
{% csrf_token %}
    NO1: <input type='number' name='txt1' required/>
    NO2: <input type='number' name='txt2' required/>
      <input type="submit"/>
    </form>
  </body>
</html>
```

Output: -




403 Forbidden
127.0.0.1:8000/form
Forbidden (403)
CSRF verification failed. Request aborted.
Help
Reason given for failure:
CSRF token missing or incorrect.
In general, this can occur when there is a genuine Cross Site Request Forgery, or when Django's CSRF mechanism has not been used correctly. For POST forms, you need to ensure:
Your browser is accepting cookies.
The view function passes a request to the template's render method.
In the template, there is a {% csrf_token %} template tag inside each POST form that targets an internal URL.
If you are not using CsrfViewMiddleware, then you must use csrf_protect on any views that use the csrf_token template tag, as well as those that accept the POST data.
The form has a valid CSRF token. After logging in in another browser tab or hitting the back button after a login, you may need to reload the page with the form, because the token is rotated after a login.
You're seeing the help section of this page because you have DEBUG = True in your Django settings file. Change that to False, and only the initial error message will be displayed.
You can customize this page using the CSRF_FAILURE_VIEW setting.


Form by vishal prajapati
127.0.0.1:8000/form
NO1:
NO2:
Cookies in use
Allowed
Blocked
The following cookies were set when you viewed this page
127.0.0.1
Cookies
csrftoken
sessionid
Name
Content
Domain
Path
no cookie selected
Block
Remove
Done

There are no cookies -

How to fix CSRF verification failed?

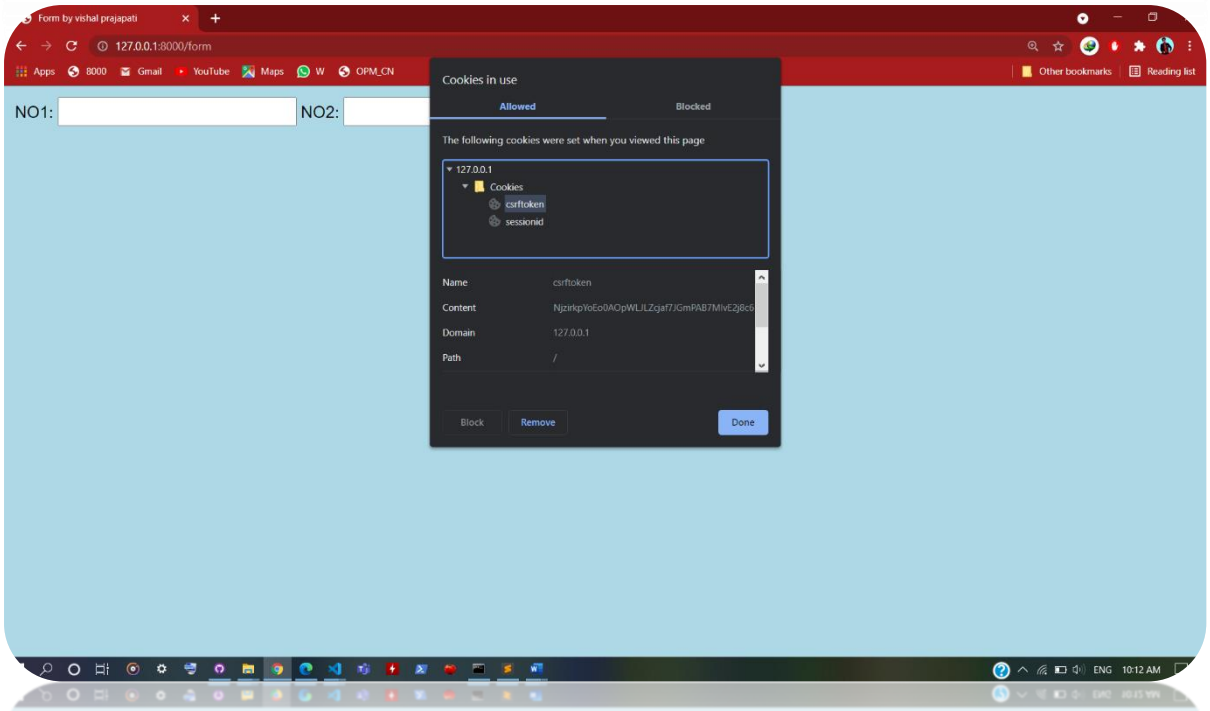
Views.py

```
from django.shortcuts import render
from django.http import HttpResponse
# Create your views here.

def homepageview(request):
    return render(request,'home.html')

def aboutpageview(request):
    return render(request,'about.html')

def contactpageview(request):
    return render(request,'contact.html')

def myform(request):
    return render(request,'myform.html')

def process(request):
    print("welcome")
    print(request.method)
    print(request.POST)

    a=int(request.POST['txt1'])
    b=int(request.POST['txt2'])
    c= a+b
    print(c)
    return render(request,'ans.html',{'mya':a,'myb':b,'mysum':c})
```

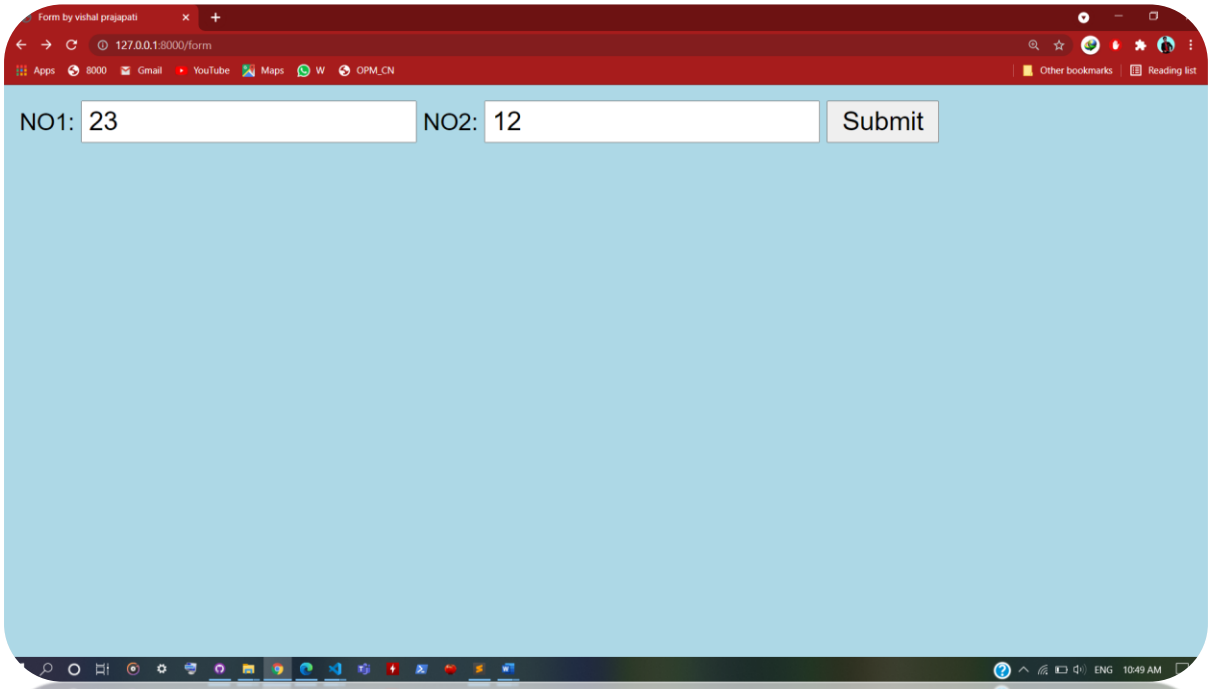
Urls.py

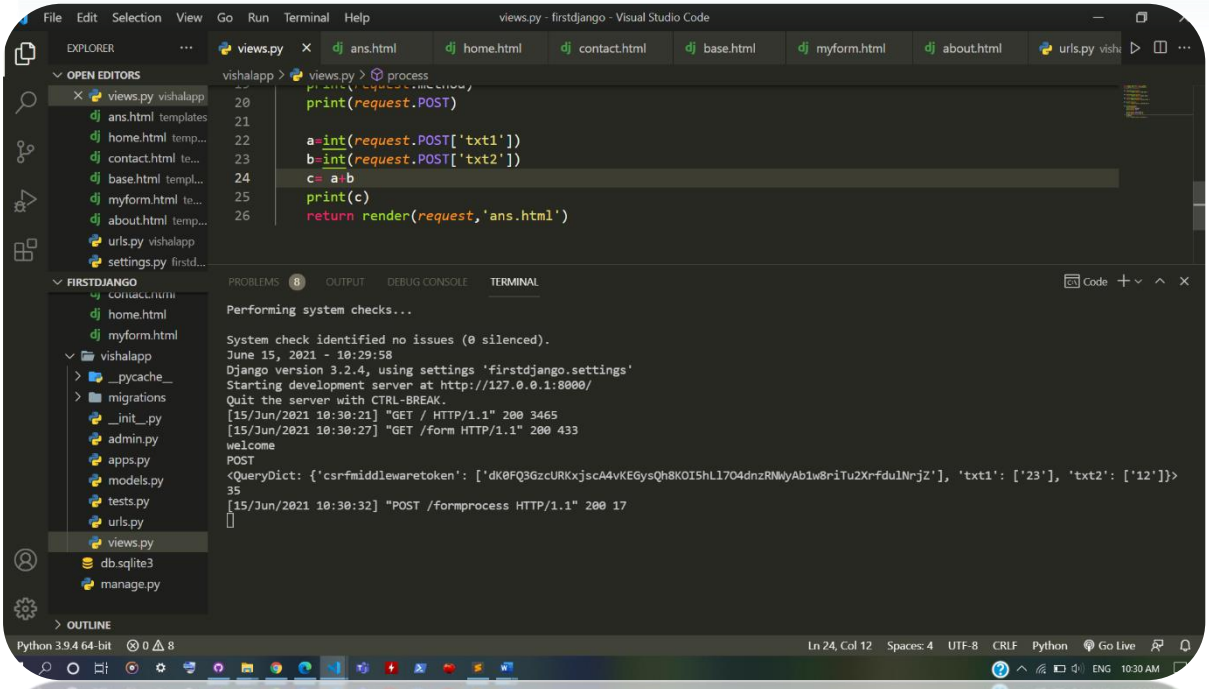
```
from django.urls import path
from . import views

urlpatterns = [
    path('',views.homepageview,name="home"),
    path('about',views.aboutpageview,name="about"),
    path('contact',views.contactpageview,name="contact"),
    path('form',views.myform,name="myform"),
    path('formprocess',views.process,name="process"),
]
```

This is my Answer



Example:

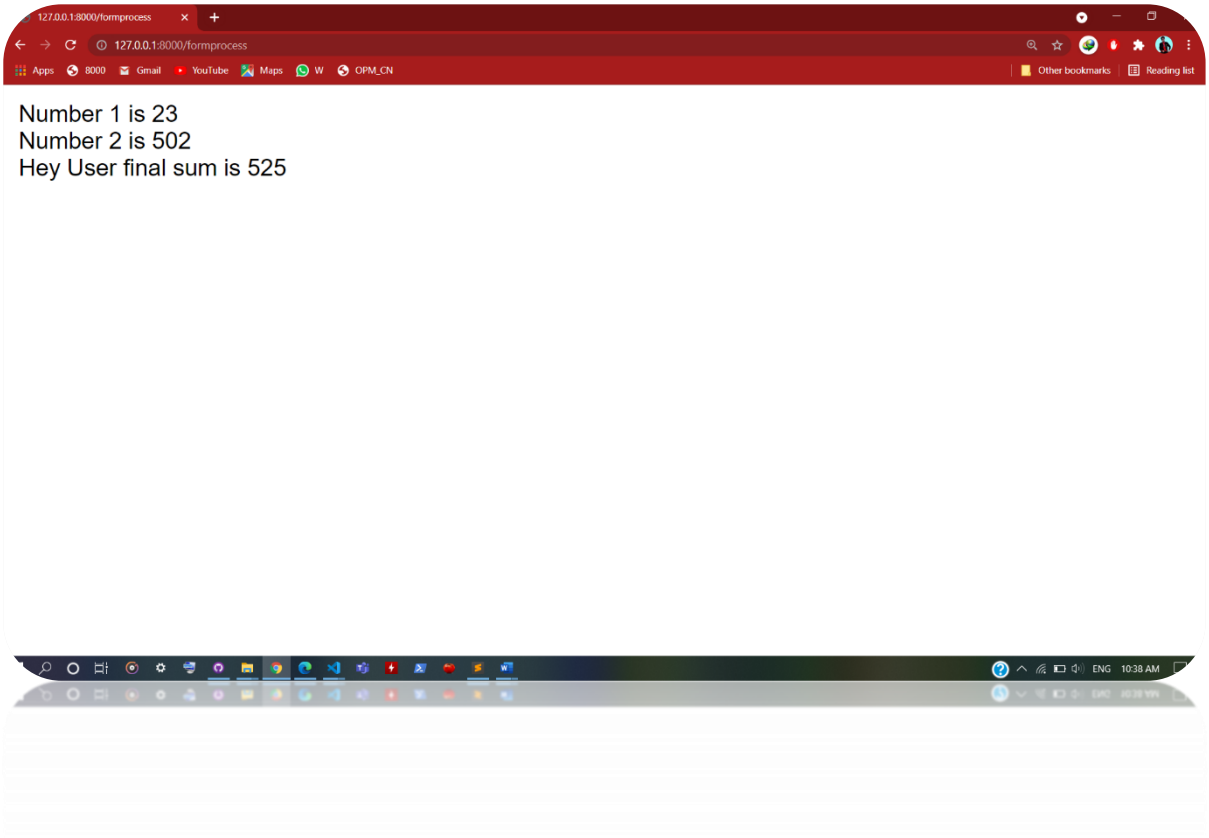

Form by vishal prajapati
127.0.0.1:8000/form
NO1: 23
NO2: 12
Submit

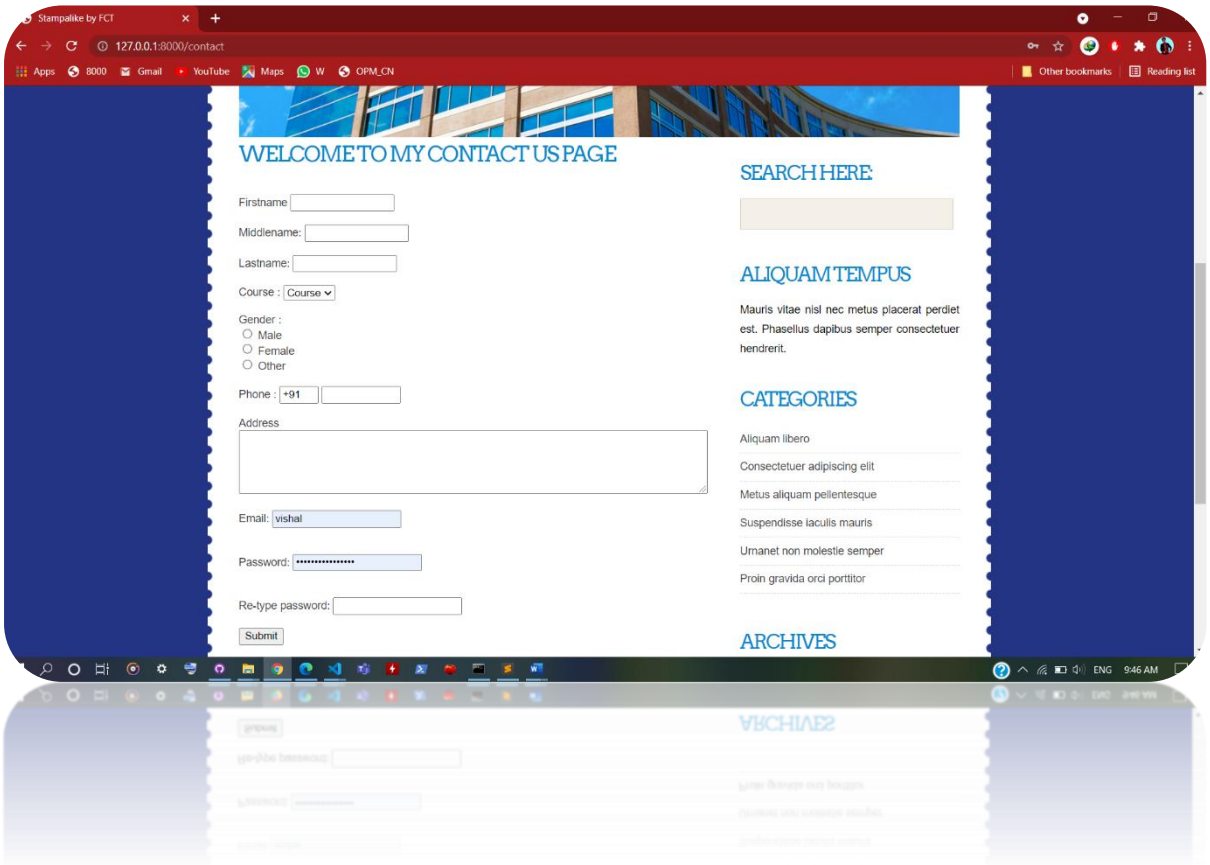

views.py - firstdjango - Visual Studio Code
print(request.POST)
a=int(request.POST['txt1'])
b=int(request.POST['txt2'])
c= a+b
print(c)
return render(request,'ans.html')
Performing system checks...
System check identified no issues (0 silenced).
June 15, 2021 - 10:29:58
Django version 3.2.4, using settings 'firstdjango.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
[15/Jun/2021 10:30:21] "GET / HTTP/1.1" 200 3465
[15/Jun/2021 10:30:27] "GET /form HTTP/1.1" 200 433
welcome
POST
35
[15/Jun/2021 10:30:32] "POST /formprocess HTTP/1.1" 200 17

Get output on that ans.html page: -

Views.py

```
from django.shortcuts import render
from django.http import HttpResponse
# Create your views here.
def homepageview(request):
    return render(request,'home.html')
def aboutpageview(request):
    return render(request,'about.html')
def contactpageview(request):
    return render(request,'contact.html')
def myform(request):
    return render(request,'myform.html')
def process(request):
    print("welcome")
    print(request.method)
    print(request.POST)
    a=int(request.POST['txt1'])
    b=int(request.POST['txt2'])
    c= a+b
    print(c)
    return render(request,'ans.html',{'mya':a,'myb':b,'mysum':c})
```




Stampalike by FCT
127.0.0.1:8000/contact
Apps 8000 Gmail YouTube Maps W OPM_CN
Other bookmarks Reading list
WELCOME TO MY CONTACT US PAGE
Firstname
Middlename:
Lastname:
Course : Course
Gender :
Male
Female
Other
Phone : +91
Address
Email: vishal
Password:
Re-type password:
Submit
SEARCH HERE:
ALIQUAM TEMPUS
Mauris vitae nisl nec metus placerat perdiet est. Phasellus dapibus semper consectetuer hendrerit.
CATEGORIES
Aliquam libero
Consectetuer adipiscing elit
Metus aliquam pellentesque
Suspendisse iaculis mauris
Urnanet non molestie semper
Proin gravida orci porttitor
ARCHIVES
ENG 9:46 AM