Building a form in Django

Step 1 : Create form.

- Open the template folder.
- Create a 'form.py' file.
- Write the following code and save it.

```
from django.shortcuts import render
from django import forms


class Forms(forms.Form):

    name = forms.CharField(max_length=255)
    email = forms.EmailField()
    message = forms.CharField(max_length=1000)  # Increased max_length for longer messages
    age = forms.IntegerField()  # Assuming age should be a number
    GENDER_CHOICES = [
        ('male', 'Male'),
        ('female', 'Female'),
        ('other', 'Other'),
    ]
    gender = forms.ChoiceField(choices=GENDER_CHOICES)
```

Step2 : Create Views.

- Open the views.py file.
- Write the following code and save the file.

```
from django.http import HttpResponseRedirect
from django.shortcuts import render
from django import forms
from .forms import Forms
from django.shortcuts import render


def myform(request):

    if request.method == 'POST':
        form = Forms(request.POST)
        if form.is_valid():
            # Form data is valid, process the data
            name = form.cleaned_data['name']
            email = form.cleaned_data['email']
            message = form.cleaned_data['message']
            age = form.cleaned_data['age']
```

```
        gender = form.cleaned_data['gender']

        # Perform any required actions with the form data
        # For example, you might want to save the data to a database

        # Redirect to a success page
        return render(request, 'success.html', {'name': name, 'email':email, 'message':message,'age':age,
'gender':gender})
    else:
        # Create an empty form for GET requests
        form = Forms()

    # Render the form template, whether it's for a GET or POST request
    return render(request, 'form.html', {'form': form})
```

Step 3: Create Template

- Create a 'form.html'.
- Write the following code and save it.

```
<form method="POST" class="post-form">
 {% csrf_token %}
 {{ form.as_p }}
 <button type="submit" class="save btn btn-default">Save</button>
</form>
```

- Also create data fetch file name as success.html file.
- Write the following code and save it.

```
<h1>Successful submitted your data!</h1>
<p>Thank You ! Your data Sucessfully submited.</p>
<h3>Name:{{name}}</h3>
<h3>Email:{{email}}</h3>
<h3>Message :{{message}}</h3>
<h3>Age :{{age}}</h3>
<h3>Gender :{{gender}}</h3>
```

Step 5: Config Urls.py

- Open the urls.py file.
- Write the code and save it.

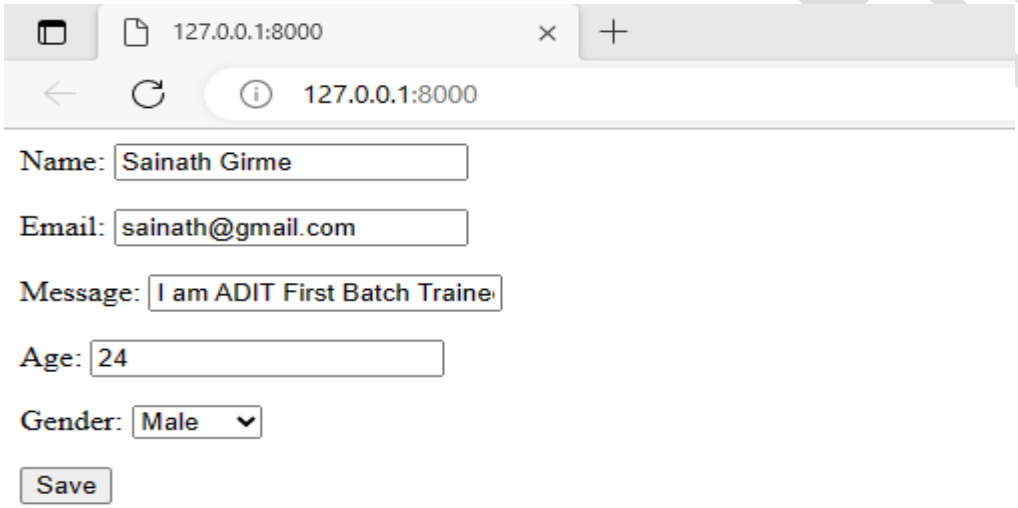
```
from django.views import View
from django.shortcuts import render
```

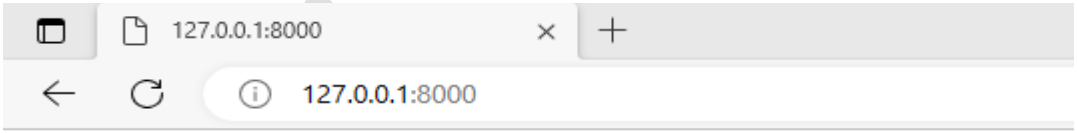
```
from django.views import View
from django.shortcuts import render
from  django.urls import path
from members.views import *  # Import your form class here

urlpatterns=[
   path('',myform,name='name')
]
```

Step 4: Run and show the output.

- After save the file.
- Open the terminal.
- Write the following command
  'py manage.py runserver'.
- Click on ipaddress and run in browser and show the output.





Successful submitted your data!

Thank You ! Your data Sucessfully submited.

Name:Sainath Girme

Email:sainath@gmail.com

Message :I am ADIT First Batch Trainee.

Age :24

Gender :male