

MALVIKA THAKUR
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STEPS

CREATING VIRTUAL ENVIRONMENT

```
C:\Users\HP>cd desktop  
C:\Users\HP\Desktop>mkdir.djangogirls  
C:\Users\HP\Desktop>cd.djangogirls  
C:\Users\HP\Desktop\djangogirls>python -m venv myenv  
C:\Users\HP\Desktop\djangogirls>myenv\Scripts\activate
```

UPDATING PIP

```
(myenv) C:\Users\HP\Desktop\djangogirls>python -m pip install --upgrade pip
```

INSTALLING DJANGO

First create a `requirements.txt` file inside of the `djangogirls/` folder

In your `djangogirls/requirements.txt` file you should add the following text:

```
Django~=2.2.4  
C:\Users\HP\Desktop\djangogirls>pip install -r requirements.txt
```

CREATE NEW APP 'MYPROJECT'

```
(myenv) C:\Users\HP\Desktop\djangogirls>django-admin startproject myproject  
(myenv) C:\Users\HP\Desktop\djangogirls>cd myproject  
(myenv) C:\Users\HP\Desktop\djangogirls\myproject>python manage.py migrate
```

CREATE SUPERUSER

```
(myenv) C:\Users\HP\Desktop\djangogirls\myproject>python manage.py createsuperuser
```

Username (leave blank to use 'hp'): malvika

Email address: malvikamay98@gmail.com

Password:

Password (again):

Superuser created successfully.

RUN SERVER

```
(myenv) C:\Users\HP\Desktop\djangogirls\myproject>python manage.py runserver
```

CREATE NEW APP 'HELLOWORLD'

```
(myenv) C:\Users\HP\Desktop\djangogirls\myproject>python manage.py startapp helloworld
```

```
(myenv) C:\Users\HP\Desktop\djangogirls\myproject>python manage.py runserver
```

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CODE

setting.py

```
INSTALLED_APPS = [  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
    'helloworld'  
]
```

urls.py(myproject)

```
from django.contrib import admin  
from django.urls import path, include  
  
urlpatterns = [  
    path('admin/', admin.site.urls),  
    path('', include('helloworld.urls')),  
]
```

urls.py(helloworld)

```
from django.urls import path  
from . import views  
urlpatterns = [  
    path('', views.contact),  
]
```

views.py

```
from django.http import HttpResponse  
from django.shortcuts import render  
from .forms import ContactForm  
def contact(request):  
    if request.method == 'POST':  
        form = ContactForm(request.POST)  
        if form.is_valid():  
            name = form.cleaned_data['name']  
            email = form.cleaned_data['email']  
            print(name)  
            print(email)  
        form = ContactForm()  
    return render(request, 'form.html', {'form': form})
```

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forms.py

```
from django import forms

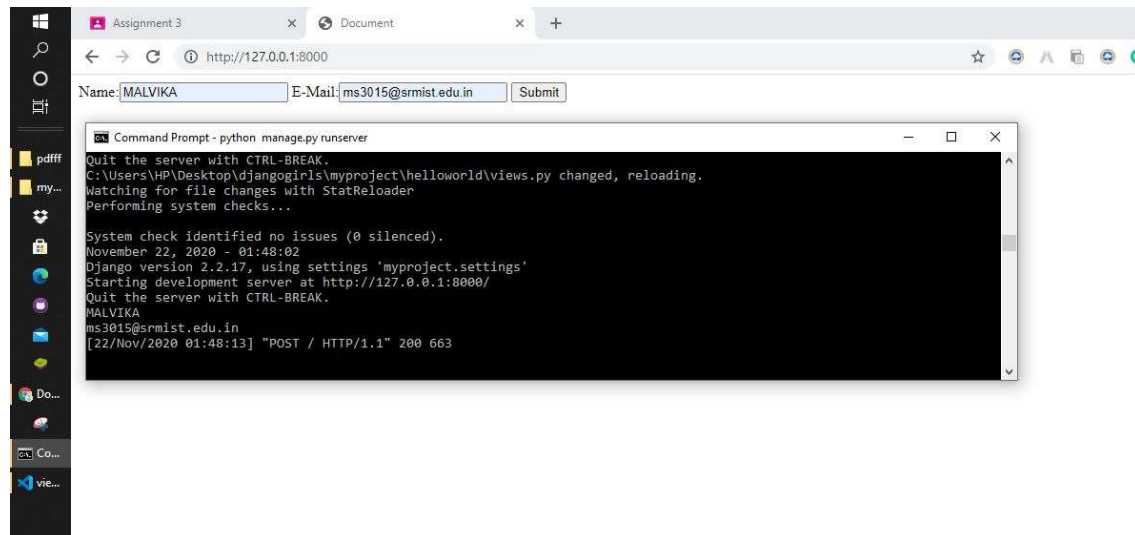
class ContactForm(forms.Form):
    name=forms.CharField()
    email=forms.EmailField(label='E-Mail')
```

form.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <form method="post">
    {% csrf_token %}
    {{ form }}
    <button type="submit">Submit</button>
  </form>

</body>
</html>
```

OUTPUT



GITHUB HANDLE

[malvikathakur/simple-django-form](https://github.com/malvikathakur/simple-django-form)