

Python Simple Command

What is Django?

Django is a web framework which helps you build interactive websites using Python. With Django you define the kind of data your site needs to work with, and you define the ways your users can work with that data.

Installing Django

It's usually best to install Django to a virtual environment, where your project can be isolated from your other Python projects. Most commands assume you're working in an active virtual environment.

Python

Pip

Pip install mysql

Pip install django

Python Environment command

- `python -m venv (folder path)\env`
- `cd..` (Back Javay)
- `cd Folder Name Thi` (Enter Folder)

Create Project

- `django-admin startproject (Project Name)`
- `(ProjectOpen Karvamate) cd (folder Name)`
- `code .` (Visual studio Open)

App Create Cmd

- `python .\manage.py migrate`
- `python .\manage.py startapp (appname)`
- `python .\manage.py runserver (project run Thase)`
- `python ma adminpanel`
login karva mate
username and Pass
create karvo
- `python .\manage.py createsuperuser`
- `aa command pachi`
admin login

urls.py [myapp ma url file create]

```
from django.contrib import admin
from django.urls import path,include
```

```
urlpatterns = [
    path('admin/', admin.site.urls),
    path('',include('myapp.urls')),
]
```

*application alag urls.py file create karvani
tema second line ma include and path create
kari admin call karvanu*

- `pip install mysqlclient`
- `python .\manage.py makemigrations`
- `python .\manage.py migrate`

Settings.py

```
{
    Install app ma app nu name lakhi ragister
    karvanu
    example=== 'Myapp',
}
Template no path set karvano
Example= 'DIRS': [BASE_DIR/'Templates'],
```

View.py ---- View Create Karvano

```
def index(request):
    return render(request,'index.html')
```

Alag file nu alag name
Jetla page etla view create

[My Web Url]

- `from django.contrib import admin`
`from django.urls import path`
`from Myapp import views`

```
urlpatterns = [
    path('admin/',admin.site.urls),
    path('',views.index),
    path('about/',views.about),
    path('contact/',views.contact),
]
```

`href="/about"` | webpage ma link
mukva mate
`href="/contact"` |
home page mate only / |

/index === html file ma link mukva aagad slesh mukvo
index\ ==== url ma aa link aavshe

---Token ---
{% for st in stdata %} ===Start & over
karvanu
{% endfor %}
(Token Generate)

{% csrf_token %}

T

Model.py

```
from django.db import models

# Create your models here.

class studinfo(models.Model):
    name=models.CharField(max_length=20)
    email=models.EmailField()
    dob=models.DateField()
    address=models.TextField()

    def __str__(self) -> str:
        return self.name
```