Django Templates

View Meant for Business Logic
Templates meats for presentation logic/ Frontend

MVC design pattern/Architecture

M   -> Model (Business Logic)
V   -> View (Presentation Logic)
C   -> Controller (Coordination)

MVC design pattern/Architecture

M   -> Model
V   -> View (python file)
T   -> Template (html file)

It is recommended to write html inside python file(Views.py)because

1. It Reduces Readability because, python code mixed with html code
2. It does not promote code reusability

We can overcome this problem by separating html code and python code in different file
This html file nothing but Templates.

Creation of Project
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django-admin startproject templateproject
cd templateproject

Create Application
————————————

python3 manage.py startapp testapp

Add Application in setting.py
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```python
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'testapp'
]
```

Create 'templates' folder inside our main project folder in That templates folder create
Separate folder named as html_folder
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Add templates folder location to setting.py so that Django can aware of our templates.
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```python
BASE_DIR = Path(__file__).resolve().parent.parent
TEMPLATE_DIR = BASE_DIR / 'templates'


TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [TEMPLATE_DIR],
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
                'django.template.context_processors.debug',
                'django.template.context_processors.request',
                'django.contrib.auth.context_processors.auth',
                'django.contrib.messages.context_processors.messages',
            ],
        },
    },
]
```

Define function Based view inside views.py
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```python
from django.shortcuts import render

# Create your views here.
def wish(request):
```

```
    return (render,'html/wish.html')
```

Define url pattern at application level or project level
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Start server
Send request