Django Blog Tutorials

Step 1:   `django-admin startproject blog`

Step 2:   `cd blog`

Step 3:   http://127.0.0.1:8000/

Step 4:   `python manage.py startapp blog_app`

Step 5:   Blog\blog_app\views.py

```python
#Step 5:
from django.http import HttpResponse
#Step 5:
def index(request):
    return HttpResponse("Hello, world. You're at the blog index.")
```

Step 6:   Create a new .py file (urls.py)

                 Blog\blog_app\urls.py

```python
from django.urls import path
#Step 6:
from . import views
urlpatterns = [
    path('', views.index),
]
```

Step 7:   Blog\urls.py

```python
#Step 7
from django.urls import include
urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('blog_app.urls')),
]
```

Step 8: Blog\settings.py

```python
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    #Step 8:
    'blog_app.apps.BlogAppConfig',
]
```

Step 9: a)Create a new folder :templates [Blog\templates]
b)

```python
TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        #Step 9:
        'DIRS': [os.path.join(BASE_DIR,'templates')],
        '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',
            ],
        },
    },
]
```

Step 10: a)Create a new .html file :index.html
[Blog\templates\index.html]

b)`<h1>Welcome to Django Tutorials</h1>`

c)Blog\blog_app\views.py

```python
#Step 10:
def index(request):
    return render(request,'index.html')
```

d)Pass parameters from view to .html

Blog\blog_app\views.py

```python
#Step 10:
def index(request):
    argument={
        'name':'Pranay',
    }
    return render(request,'index.html',argument)
```

Blog\templates\index.html

```html
<h1>Welcome to Django Tutorials</h1>
<h1>{{name}}</h1>
```

Step 11:   ORM(Object Relational Mapper)

a) python manage.py makemigrations
b) python manage.py migrate
c) python manage.py createsuperuser

Username (leave blank to use 'prana'): admin
Email address: pranaykprince@gmail.com
Password:
Password (again):
The password is too similar to the username.
This password is too short. It must contain at least 8 characters.
This password is too common.
Bypass password validation and create user anyway? [y/N]: y
Superuser created successfully.