Page Not Found / 404 Error

When client try to request the web page that does not exist, we can throw the page not found or we can display our own customised message such as "Sorry brother this page does not exist" or also we can display our custom designed page.

This time lets learn everything step by step from the start.

In command prompt

Step 1:

django-admin startproject my_project

Step 2:

cd my_project
python manage.py startapp my_app

In IDE (VS code, Atom...)

Step 3: In app level views.py

```
from django import HttpResponse, HttpResponseNotFound
from django.shortcuts import render
articles={
        'sports' : 'Sports page',
        'politice' : 'Politics page',
        'finance' : 'Finanve page'
        }
def our_website(request, topic):
        try:
                result=articles[topic]
                return HttpResponse(article[topic])
        except:
                result = 'Hey man I didn't find the page you are searching for'
                return HttpResponseNotFound(result)
```

Step 4: In app create urls.py file

```
from django.urls import path
from . import views
```

```python
urlspatterns=[
        path('<str:topic>/', views.our_website),
        ]
```