1. Create project and application

```
>django-admin startproject news

>cd news

\news>python manage.py startapp newsapp
```
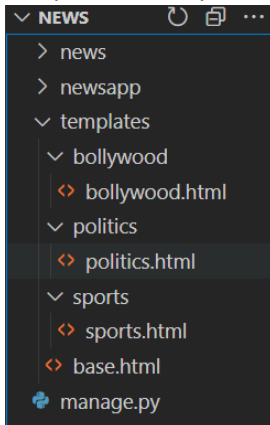
2. Register application in settings.py
3. Create templates folder
4. Register templates folder
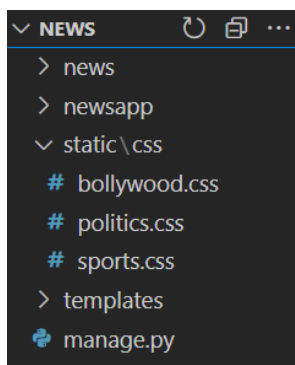5. Create following folder and files in templates folder
   a. templates > base.html
   b. templates > politics > politics.html
   c. templates > sports > sports.html
   d. templates > bollywood > bollywood.html

6. create static folder and register it in settings.py


```
119   STATIC_URL = 'static/'
120   STATICFILES_DIRS=[BASE_DIR/'static']
121
```

7. create static > css > politics.css, sports.css, bollywood.css

8. create view to display base.html as home page


```python
1   from django.shortcuts import render
2
3   # Create your views here.
4   def show_base(request):
5       return render(request,'base.html')
6
```

9. create news_urls.py in newsapp folder to create application level url

```python
news_urls.py ×

newsapp > news_urls.py > ...
    1    from django.urls import path
    2    from newsapp import views
    3
    4    urlpatterns = [
    5        path('home/', views.show_base),
    6    ]
```
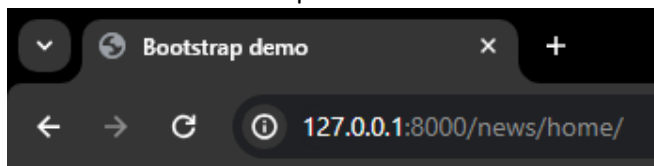
10. include above news_urls.py in urls.py

```python
urls.py    ×

news > urls.py > ...
    17   from django.contrib import admin
    18   from django.urls import path,include
    19
    20   urlpatterns = [
    21       path('admin/', admin.site.urls),
    22       path('news/', include('newsapp.news_urls')),
    23   ]
```

11. add basic code of bootstrap into base.html

```html
<> base.html ×

templates > <> base.html
    1    <!doctype html>
    2    <html lang="en">
    3      <head>
    4        <meta charset="utf-8">
    5        <meta name="viewport" content="width=device-width, initial-scale=1">
    6        <title>Bootstrap demo</title>
    7        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/boot
    8      </head>
    9      <body>
    10       <h1>Hello, Base!</h1>
    11       <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/boot
    12     </body>
    13   </html>
```

12. runserver and check output

Bootstrap demo   ×   +

← → C ⓘ 127.0.0.1:8000/news/home/

Hello, Base!

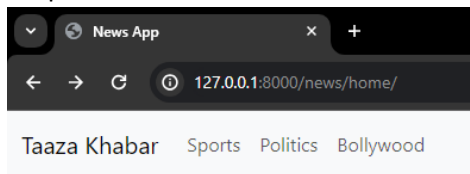13. add navbar code from bootstrap to base.html

```
<body>
  <nav class="navbar navbar-expand-lg bg-body-tertiary">
    <div class="container-fluid">
      <a class="navbar-brand" href="#">Taaza Khabar</a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collap
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link" href="#">Sports</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="#">Politics</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="#">Bollywood</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/boots
</body>
```

14. output

15. showing sports news on clicking sports from navbar
    a. add <h1>Welcome to sports news</h1> to the body of sports.html
    b. create view to show sports.html

```python
views.py  ✕

newsapp >  views.py > ...
   6
   7    def sports_news(request):
   8        return render(request,'sports/sports.html')
   9
```

    c. create url for above view in news_urls.py

```python
urlpatterns = [
    path('home/', views.show_base),
    path('sports/', views.sports_news),
]
```

    d. add above url in navbar of base.html
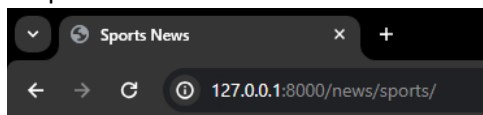
```html
<li class="nav-item">
  <a class="nav-link" href="/news/sports">Sports</a>
</li>
```

    e. output

Welcome to sports news

16. Template inheritance example :
    a. Create 2 blocks in base.html (you can create as many as you want)

```html
base.html  ×

templates > <> base.html > <> html > <> head
    1    <!doctype html>
    2    <html lang="en">
    3      <head>
    4        <meta charset="utf-8">
    5        <meta name="viewport" content="width=
    6        <title>News App</title>
    7     💡 <link href="https://cdn.jsdelivr.net/r
    8        <!--·block·to·add·stylesheets·-->
    9        {% block stylesheet_block %}
   10
   11        {% endblock stylesheet_block %}
   12      </head>
   13      <body>
   14 >      <nav class="navbar navbar-expand-lg bg
   34        </nav>
   35
   36        <!--·block·to·show·body·-->
   37        {% block body_block %}
   38
   39        {% endblock body_block %}
   40        <script src="https://cdn.jsdelivr.net/
   41      </body>
   42    </html>
```
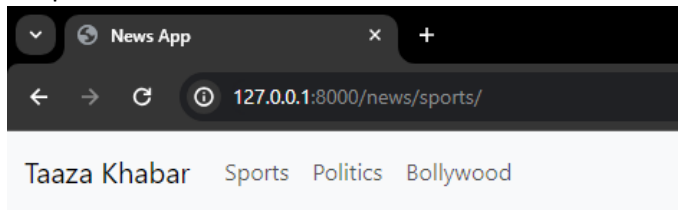
    b. Update sports.html by adding code inside block

```html
sports.html  ×

templates > sports > <> sports.html
    1    <!doctype html>
    2    {% extends 'base.html'%}
    3
    4    {% load static %}
    5
    6    {% block stylesheet_block %}
    7      <link rel="stylesheet" href="{% static 'css/sports.css'%}">
    8    {% endblock stylesheet_block %}
    9
   10    {% block body_block %}
   11        <h1>Welcome to Sports news</h1>
   12        <h1 class="text-primary">Welcome to Sports news</h1>
   13    {% endblock body_block %}
```

    c. Code for sports.css

```css
# sports.css  ×

static > css > # sports.css > 🎨 h1
    1    h1
    2    {
    3        color: ■red;
    4    }
```

d. Output

17. DIY for politics and bollywood