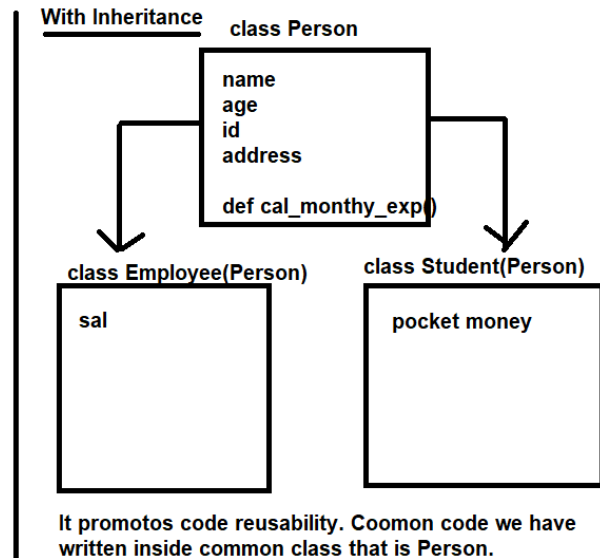
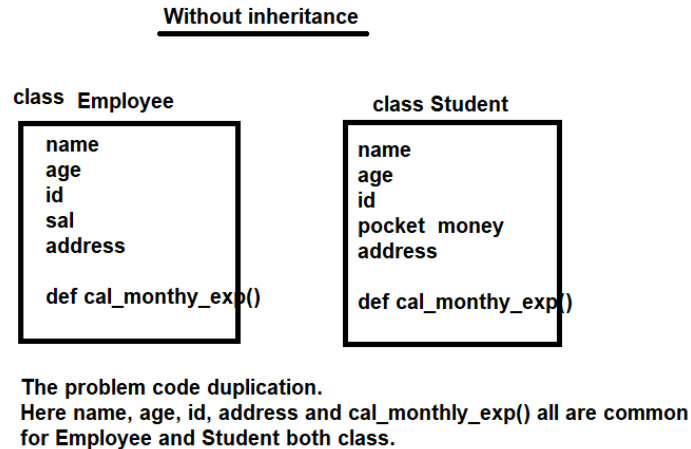
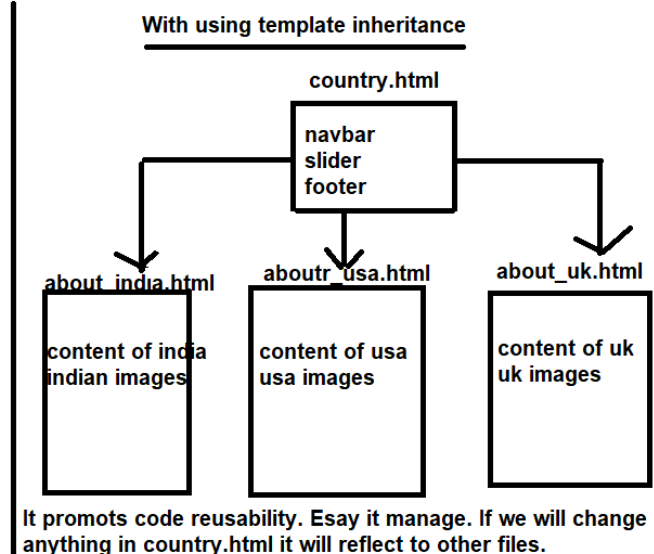
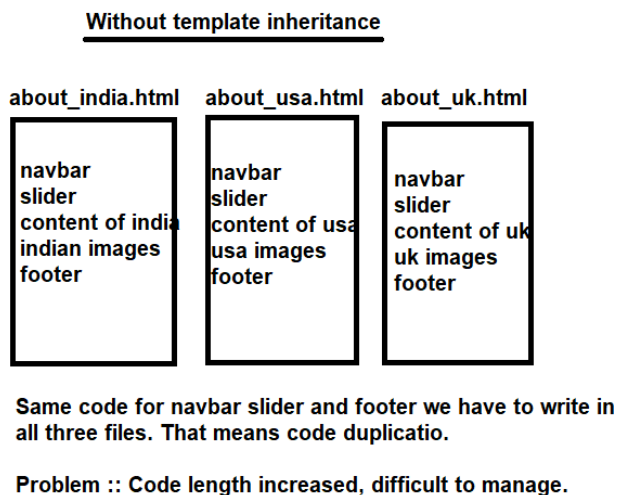


Chapter-6: Advanced Templates Features, Topic: Templates Inheritance

With inheritance vs without inheritance



Without template inheritance vs with template inheritance



P030: Display country data without using template inheritance and with template inheritance.

Display country data without using template inheritance:

Views.py

```
from django.shortcuts import render
```

```
# Create your views here.
def india_view(request):
    return render(request, 'countryApp/about_india.html')
def usa_view(request):
    return render(request, 'countryApp/about_usa.html')
def uk_view(request):
    return render(request, 'countryApp/about_uk.html')
```

about_india.html

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.cs
s" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMHjY6hW+ALEwIH"
crossorigin="anonymous">
  </head>
  <body>
    <nav class="navbar navbar-expand-lg bg-body-tertiary">
      <div class="container-fluid">
        <a class="navbar-brand" href="#">CountryApp</a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">
          <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 active" aria-current="page"
href="#">Home</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Link</a>
    </li>
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-toggle" href="#" role="button"
data-bs-toggle="dropdown" aria-expanded="false">
        Dropdown
      </a>
      <ul class="dropdown-menu">
        <li><a class="dropdown-item" href="#">Action</a></li>
        <li><a class="dropdown-item" href="#">Another
action</a></li>
        <li><hr class="dropdown-divider"></li>
        <li><a class="dropdown-item" href="#">Something else
here</a></li>
      </ul>
    </li>
    <li class="nav-item">
      <a class="nav-link disabled" aria-
disabled="true">Disabled</a>
    </li>
  </ul>
  <form class="d-flex" role="search">
```

```
        <input class="form-control me-2" type="search"
placeholder="Search" aria-label="Search">
        <button class="btn btn-outline-success"
type="submit">Search</button>
    </form>
</div>
</div>
</nav>

<div>
    <h1>Slider</h1>
</div>

<div>
    <h1>About India</h1>
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. A
quisquam porro ducimus dignissimos adipisci dolores velit, fuga ratione
natus dolore, quae placeat expedita distinctio repellendus sit autem iure
quos quaerat animi recusandae laboriosam nulla? Impedit vero quam cumque
itaque voluptate, odio pariatur dolores. Cum pariatur quia commodi
dignissimos modi quas, facilis ad dicta molestiae officiis. Quam
praesentium, eius consequuntur magni eos harum soluta iure dolorum
architecto odio magnam ullam ad? Veniam perferendis totam ad ut! Officiis,
aliquid, repellat voluptas, itaque tempora quibusdam quod nisi iste
accusantium maiores placeat. Iste, tenetur ratione! Minima ad adipisci iure,
vel alias aperiam quaerat quasi.</p>
</div>

<div>
    <h1>Some image of india</h1>
```

```
    <p>Add some image by your own</p>
  </div>

  <div>
    <h1>Footer</h1>
    <p>This is footer section</p>
  </div>

  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.m
in.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDz0xhy9GkcIdslK1eN7N6jIeHz"
crossorigin="anonymous"></script>
  </body>
</html>
```

about_usa.html

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.cs
s" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMHjY6hW+ALEwIH"
crossorigin="anonymous">
  </head>
  <body>
```

```
<nav class="navbar navbar-expand-lg bg-body-tertiary">
  <div class="container-fluid">
    <a class="navbar-brand" href="#">CountryApp</a>
    <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">
      <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 active" aria-current="page"
href="#">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Link</a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" role="button"
data-bs-toggle="dropdown" aria-expanded="false">
            Dropdown
          </a>
          <ul class="dropdown-menu">
            <li><a class="dropdown-item" href="#">Action</a></li>
            <li><a class="dropdown-item" href="#">Another
action</a></li>
            <li><hr class="dropdown-divider"></li>
            <li><a class="dropdown-item" href="#">Something else
here</a></li>
```

```
        </ul>
      </li>
      <li class="nav-item">
        <a class="nav-link disabled" aria-
disabled="true">Disabled</a>
      </li>
    </ul>
    <form class="d-flex" role="search">
      <input class="form-control me-2" type="search"
placeholder="Search" aria-label="Search">
      <button class="btn btn-outline-success"
type="submit">Search</button>
    </form>
  </div>
</div>
</nav>

<div>
  <h1>Slider</h1>
</div>

<div>
  <h1>About USA</h1>
  <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. A
quisquam porro ducimus dignissimos adipisci dolores velit, fuga ratione
natus dolore, quae placeat expedita distinctio repellendus sit autem iure
quos quaerat animi recusandae laboriosam nulla? Impedit vero quam cumque
itaque voluptate, odio pariatur dolores. Cum pariatur quia commodi
dignissimos modi quas, facilis ad dicta molestiae officiis. Quam
praesentium, eius consequuntur magni eos harum soluta iure dolorum
```

```
architecto odio magnam ullam ad? Veniam perferendis totam ad ut! Officiis,
aliquid, repellat voluptas, itaque tempora quibusdam quod nisi iste
accusantium maiores placeat. Iste, tenetur ratione! Minima ad adipisci iure,
vel alias aperiam quaerat quasi.</p>
</div>

<div>
  <h1>Some image of USA</h1>
  <p>Add some image by your own</p>
</div>

<div>
  <h1>Footer</h1>
  <p>This is footer section</p>
</div>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.m
in.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDz0xhy9GkcIdslK1eN7N6jIeHz"
crossorigin="anonymous"></script>
</body>
</html>
```

About_uk.html

```
<!doctype html>
<html Lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
```



```
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.cs
s" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+ALEwIH"
crossorigin="anonymous">
</head>
<body>
  <nav class="navbar navbar-expand-lg bg-body-tertiary">
    <div class="container-fluid">
      <a class="navbar-brand" href="#">CountryApp</a>
      <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">
        <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 active" aria-current="page"
href="#">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="#">Link</a>
          </li>
          <li class="nav-item dropdown">
            <a class="nav-link dropdown-toggle" href="#" role="button"
data-bs-toggle="dropdown" aria-expanded="false">
              Dropdown
            </a>
```

```
        <ul class="dropdown-menu">
            <li><a class="dropdown-item" href="#">Action</a></li>
            <li><a class="dropdown-item" href="#">Another
action</a></li>

            <li><hr class="dropdown-divider"></li>
            <li><a class="dropdown-item" href="#">Something else
here</a></li>

        </ul>
    </li>
    <li class="nav-item">
        <a class="nav-link disabled" aria-
disabled="true">Disabled</a>
    </li>
</ul>

<form class="d-flex" role="search">
    <input class="form-control me-2" type="search"
placeholder="Search" aria-label="Search">
    <button class="btn btn-outline-success"
type="submit">Search</button>
</form>
</div>
</div>
</nav>
<div>
    <h1>Slider</h1>
</div>

<div>
    <h1>About UK</h1>
```

```
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. A
quisquam porro ducimus dignissimos adipisci dolores velit, fuga ratione
natus dolore, quae placeat expedita distinctio repellendus sit autem iure
quos quaerat animi recusandae laboriosam nulla? Impedit vero quam cumque
itaque voluptate, odio pariatur dolores. Cum pariatur quia commodi
dignissimos modi quas, facilis ad dicta molestiae officiis. Quam
praesentium, eius consequuntur magni eos harum soluta iure dolorum
architecto odio magnam ullam ad? Veniam perferendis totam ad ut! Officiis,
aliquid, repellat voluptas, itaque tempora quibusdam quod nisi iste
accusantium maiores placeat. Iste, tenetur ratione! Minima ad adipisci iure,
vel alias aperiam quaerat quasi.</p>
</div>
<div>
  <h1>Some image of UK</h1>
  <p>Add some image by your own</p>
</div>
<div>
  <h1>Footer</h1>
  <p>This is footer section</p>
</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.m
in.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDz0xhy9GkcIdslK1eN7N6jIeHz"
crossorigin="anonymous"></script>
</body>
</html>
```

With template inheritance

Views.py

```
from django.shortcuts import render

# Create your views here.
def india_view(request):
    return render(request, 'countryApp/about_india.html')
def usa_view(request):
    return render(request, 'countryApp/about_usa.html')
def uk_view(request):
    return render(request, 'countryApp/about_uk.html')
```

base.html

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.cs
s" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMHjY6hW+ALEwIH"
crossorigin="anonymous">
  </head>
  <body>
    <nav class="navbar navbar-expand-lg bg-body-tertiary">
      <div class="container-fluid">
        <a class="navbar-brand" href="#">CountryApp</a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">
```

```
<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 active" aria-current="page"
href="#">Home</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Link</a>
    </li>
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-toggle" href="#" role="button"
data-bs-toggle="dropdown" aria-expanded="false">
        Dropdown
      </a>
      <ul class="dropdown-menu">
        <li><a class="dropdown-item" href="#">Action</a></li>
        <li><a class="dropdown-item" href="#">Another
action</a></li>
        <li><hr class="dropdown-divider"></li>
        <li><a class="dropdown-item" href="#">Something else
here</a></li>
      </ul>
    </li>
    <li class="nav-item">
      <a class="nav-link disabled" aria-
disabled="true">Disabled</a>
    </li>
  </ul>
```

```
<form class="d-flex" role="search">
  <input class="form-control me-2" type="search"
placeholder="Search" aria-label="Search">
  <button class="btn btn-outline-success"
type="submit">Search</button>
</form>
</div>
</div>
</nav>
{% block country_details %}

{% endblock %}
<div>
  <h1>Slider</h1>
</div>
<div>
  <h1>Footer</h1>
  <p>This is footer section</p>
</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.m
in.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDz0xhy9GkcIdslK1eN7N6jIeHz"
crossorigin="anonymous"></script>
</body>
</html>
```

about_india.html

```
{% extends "countryApp/base.html" %}
{% block country_details %}
<h1>About India</h1>
```

```
<p>Lorem ipsum dolor, sit amet consectetur adipisicing elit. Similique voluptatibus nostrum in necessitatibus aut, consequuntur consectetur, itaque ea quae veniam quam quibusdam omnis quas iure. Explicabo minus dolore porro velit ducimus? Dolore dolorum eos cupiditate soluta, ducimus facere beatae voluptas alias quaerat eveniet eaque, ea repellendus aut placeat necessitatibus, cumque quos rem quae fugit deserunt. Ex nostrum soluta voluptate suscipit dolor! Dolore beatae nobis, praesentium temporibus alias, impedit, rem ullam qui aperiam similique optio! Quae officia cumque sequi animi sint blanditiis illo fugiat facere quibusdam neque alias repudiandae adipisci perferendis, sed nemo similique tempora molestias. Quis dolorem quaerat consequuntur accusamus.</p>
{% endblock %}
```

about_usa.html

```
{% extends "countryApp/base.html" %}

{% block country_details %}
<h1>About USA</h1>
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Possimus itaque necessitatibus nobis perspiciatis ducimus officia vero nam aliquid architecto alias iure, quasi doloribus quaerat, eaque facere, consequatur nulla. Officiis sit sapiente quidem eaque id. Optio, culpa quod eveniet iusto corrupti facere nesciunt ab sit, amet excepturi, nostrum reprehenderit molestiae. Repellendus asperiores exercitationem impedit eum, voluptate dolorem cumque dolor error molestiae in soluta eius facilis doloribus libero, ad aperiam veritatis? Deleniti ipsam quis porro consequatur eos, sed dolores aspernatur ab omnis nemo quos hic magni distinctio facere, mollitia cupiditate sit ratione recusandae voluptatem debitis temporibus. In harum impedit ut temporibus reprehenderit.</p>
{% endblock %}
```

about_uk.html

```
{% extends "countryApp/base.html" %}
{% block country_details %}
    <h1>Abou UK</h1>
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia, animi
neque et ab temporibus quidem laudantium adipisci dolorem nostrum! Dolor
nemo eius quas maiores expedita deleniti, voluptatibus in dolorem? Ad quia
asperiores saepe quam nobis necessitatibus alias suscipit doloremque animi
minima officia a aperiam sit architecto ex, similique tempore unde autem
optio impedit maiores aspernatur aut voluptatibus? Quam obcaecati nisi
officiis aliquam deserunt possimus autem sit atque commodi, iure ullam
praesentium sapiente voluptates natus nihil aliquid soluta! Soluta alias
laboriosam unde veniam pariatur eum tenetur tempore nobis perspiciatis
inventore, error reprehenderit deserunt repellat repellendus accusamus harum
praesentium, itaque nesciunt optio.</p>
{% endblock %}
```