Recap

- Covered

Django Templates

Templates have the static part of Django HTML Special syntax to add the dynamic content

Contributors/Employee Information

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Components of Template

- Variables

  {{ var_name }}

- Looping and Conditional / Tags

  {% %}

  For loop:

  {% for element in name_of_list %}

- {{ element }}
  {% endfor %}

- Conditionals:

  {% if IMDb_rating == "8.5"%}

  {% elif condition %}

  {% else %}

  {% endif %}

- Comments

  {# #} Single line comments {% comment %} {% endcomment %} Multiline comments

- Filters

  - length -> length of the variable string
  - default -> var_name | default:"Default statement"
  - title ->
  - lower ->
  - make_list ->

Steps followed:

```
- We created templates folder inside main project directory, and then add
folder containing templates for that specific application

- In that application folder, just create an HTML file with all the context
variable names


- Tell Django, that where it can find these templates, thats why we change
in settings.py. We add TEMPLATES_DIR in TEMPLATES config

- In views.py add the response return render(request, "firstapp/main.html",
context=var)

var is a python dictionary
var = {
    "name": "Rahul",
    "age": "21"
}
```

- Relative URLS

  Exact paths won't work {% url %}

- Inheritance -> base.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
<title>{% block title %} {% endblock %}</title>
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.mi
n.css">
</head>
<body>

<nav class="navbar navbar-default navbar-static-top">
<div class=container>
    <ul class= "nav navbar-nav">
    <li><a class="navbar-brand" href="{% url 'home' %}">Home</a></li>
    <li><a class="navbar-brand" href="{% url 'about' %}">about</a>
</li>
    <li><a class="navbar-brand" href="{% url 'search' %}">search</a>
</li>
    </ul>
</div>
</nav>


<div class="container">
{% block content %}<!-- Page content   -->{% endblock %}
```

```
      </div>

      </body>
      </html>
```

Search.html

```
<!DOCTYPE html>
{% extends "firstapp/base.html" %}

{% block title %} Search {% endblock %}

{% block content %}

<h3>Welcome to Search Page</h3>

{% endblock %}
```