

Creating HTML Template in Django

Spoken Tutorial Project

<http://spoken-tutorial.org>

FOSSEE project

<http://fossee.in>

National Mission on Education through ICT

<http://sakshat.ac.in>

**Script: Thiagarajar College of Engineering
& FOSSEE project**

Video : Praveen S, IIT Bombay

August 25, 2018



Learning Objectives

In this tutorial, we will learn to



Learning Objectives

In this tutorial, we will learn to

- **Create a Django template**



Learning Objectives

In this tutorial, we will learn to

- ▶ **Create a Django template**
- ▶ **Use Django HTML template**



System Requirements



System Requirements

- ▶ **Ubuntu Linux 16.04 OS**



System Requirements

- ▶ **Ubuntu Linux 16.04 OS**
- ▶ **Python 3.5**



System Requirements

- ▶ **Ubuntu Linux 16.04 OS**
- ▶ **Python 3.5**
- ▶ **Python 3.4-venv or higher**



System Requirements

- ▶ **Ubuntu Linux 16.04 OS**
- ▶ **Python 3.5**
- ▶ **Python 3.4-venv or higher**
- ▶ **gedit Text Editor and**



System Requirements

- ▶ **Ubuntu Linux 16.04 OS**
- ▶ **Python 3.5**
- ▶ **Python 3.4-venv or higher**
- ▶ **gedit Text Editor and**
- ▶ **Firefox web browser**



Pre-requisites

To follow this tutorial, you need to know



Pre-requisites

To follow this tutorial, you need to know

- ▶ **How to create views in Django**



Pre-requisites

To follow this tutorial, you need to know

- ▶ **How to create views in Django**
- ▶ **Knowledge in HTML**



Pre-requisites

To follow this tutorial, you need to know

- ▶ **How to create views in Django**
- ▶ **Knowledge in HTML**
- ▶ **If not, then please go through the pre-requisite tutorials in this series**
<http://spoken-tutorial.org>



What is a Django Template?

- We have hardcoded the output in the view earlier in this series



What is a Django Template?

- ▶ We have hardcoded the output in the view earlier in this series
- ▶ Django **template** separates the **design** from Python



What is a Django Template?

- ▶ We have hardcoded the output in the view earlier in this series
- ▶ Django **template** separates the **design** from Python
- ▶ Django view **can use this template**



What is a Django Template?

- ▶ **Template HTML files contain Django template tags and variables**



What is a Django Template?

- ▶ **Template HTML files contain Django template tags and variables**
- ▶ Django **replaces these tags and variables in the HTML file, with data obtained from views**



Summary

In this tutorial, we have learnt about

- ▶ **Create a Django template**
- ▶ **Use Django HTML template**
- ▶ **Tags and Filters in Django template**



Assignment

- ▶ **Create multiple `blog` objects**
- ▶ **Insert them in table format using Django's template system**



About Spoken Tutorial project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to contact@spoken-tutorial.org



Forum for specific questions:

- ▶ Do you have questions in **THIS Spoken Tutorial?**
- ▶ Please visit <http://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ Someone from our team will answer them



Forum to answer questions

- ▶ Questions not related to the Spoken Tutorial?
- ▶ Do you have general/technical questions on the Software?
- ▶ Please visit the FOSSEE Forum
<http://forums.fossee.in/>
- ▶ Choose the Software and post your question.



Acknowledgement

Spoken Tutorial Project is funded by

- ▶ **National Mission on Education through ICT, MHRD, Government of India**
- ▶ **More information on this Mission is available at**

<http://spoken-tutorial.org/NMEICT-Intro>



Thank you

This script has been contributed by:

- ▶ **Thiagarajar College of Engineering**
- ▶ **FOSSEE Project, IIT Bombay**
<https://fossee.in/>

**The video has been recorded by Spoken
Tutorial Project, IIT Bombay**

