**9. Age Calculator App – Django + HTML**

This beginner-friendly web app calculates a user’s age from their birth year input using Django with a simple HTML form and inline CSS.

**Features**

* Input birth year via an HTML form
* Calculate age dynamically on form submission
* User-friendly UI with basic styling

**Project Link**

<https://github.com/devops-ktm/Django>

**Tech Stack**

* Backend: Django (Python)
* Frontend: HTML, CSS
* Tools: Python 3, pip, virtual environment

**How to Run the Project**

**Pre requriment**

* Python 3 installed
* pip (Python package manager) installed

**1. Setup Python Virtual Environment**

Create and activate a virtual environment to isolate dependencies:

**Create a virtual environment named 'venv'**

python -m venv venv

**Activate the virtual environment (Windows)**

venv\Scripts\activate

**2. Install Django**

With the virtual environment activated, install Django via pip:

pip install django

**3. Create Django Project and App**

**Create the Django project folder**

django-admin startproject age\_calculator

cd age\_calculator

**Create a Django app named 'core'**

python manage.py startapp core

4.Configure Project Settings

* Add 'core' to INSTALLED\_APPS inside age\_calculator/settings.py
* Setup URLs to route requests to the app

**5. Run the Development Server**

Start the server to run:

python manage.py runserver

Open your browser at http://127.0.0.1:8000.

**Build for Production**

python manage.py collectstatic

screenshot  
