

Assignment

Django

1.What is django?

- Django is a free and open source web application framework which offers fast and dynamic website development

2.What is crud in Django?

- CRUD stands for create,read,update&delete.These are thefour basic operations which are executed on database models.

3.What is csrf?

- It is an alphanumeric code or secret value That protects to our webpages

4.Features of Django?

- Excellent Documentation
- Seo optimized
- Versatile in nature
- High scalability
- High security

5.Archetucture of Django?

- M-Model
- V-views
- T-Templates

6.What is models.py and forms.py?

- Which is used to handle the database
- Forms are using for validation from models

7.What is template?

- It handle user interface part collection of html files

8.What is views in Django?

- View are python functions that receives the web request and return a web response

9.what is static files?

- It is used to serve additional files such as images ,external java script ,external css and bootstrap

10.What is drf ?

- Django REST framework is powerful and flexible toolkit for building web APIs

11.What is django url?

- Views are python function which take a url request as parameter and return an HTTP response or throw an exception like 404

12.what is migrate command

- Migrate is a way of applying changes that we made to a model into the database scheme

13.Use of makemigrations?

- It's a command that is use to detect changes made in your model

14.Difference between project and app?

- A project refers to the entire application and all its parts . An app refers a submodule of the right project

15.What is request in Django?

- Django uses request and response objects to pass state through the system

16.What is middleware in django?

- Middleware is a framework of hooks into Django's request/response processing. It's a light, low-level plugin system for globally altering Django input or output. Each middleware component is responsible for doing some specific function

17.what is django context?

- Context is a variable name to variable value mapping that is passed to a template

18.Find the latest version of Django?

- 4.1

19.What is the difference between CharField and text field?

- We can type only strings on TextField, but CharField will take string and integer

20.common exception occurs in django?

- Does not exist

21.What is django cookies

- A cookie is a small piece of information which is stored in the client browser

22.how to check the version of django installed in your device

- Python manage.py version
- Django --admin version
- Import django
- django.VERSION

23.what is django shortcuts render

- Render() combines a given template with a given context dictionary and returns an Http response object with that rendered text.

24.Commands in django to create project and app

- Django-admin createproject project_name
- Python manage.py startapp app_name

25.what is query set in django

- Query set is a collection of data from a database

26.Explain the types of file that generate when you create a project

- Init.py - This file provides the same functionality as that in the init.py file in the dango project structure
- Admin.py
- Apps.py - apps.py is a file that is used to help the user include the application configuration for app
- Views.py
- Urls.py
- Tests.py

27.what is the different between filter() and get()

- The method is used to filter() your search and allows you to return only the rows that matches the search item When you get a single unique object you can use get()