1. What is Framework? What is the advantage of Using a Framework for Web Development.
2. Explain the features of Django framekwork.

A framework is a set of tools, libraries, and conventions that provides a structured foundation for building software applications. It helps developers avoid repetitive code by providing reusable components and best practices.

In web development, a framework simplifies tasks like routing URLs, handling requests/responses, interacting with databases, managing sessions, and rendering templates.

Advantages Of Framework:
1. **Faster Development**: Frameworks offer pre-built modules, tools, and libraries that reduce development time.

2. **Code Reusability**: Common functionalities like authentication, routing, form handling, etc., are already built-in.

3. **Security**: Frameworks come with built-in protection against common attacks like SQL injection, XSS, CSRF.

_____

Features of Django Framework

Django is a high-level Python web framework that encourages rapid development and clean, pragmatic design. Key features include:

1. **MVC Architecture (Actually MTV - Model-Template-View)**:
   - Separates data (Model), user interface (Template), and logic (View) for better code organization.
2. **Built-in Admin Interface**:
   - Auto-generates an admin panel to manage models, users, and content.
3. **ORM (Object-Relational Mapper)**:
   - Interact with databases using Python objects instead of writing raw SQL queries.

4. **URL Routing System**:
   - Clean, readable URL mapping to views using Django's urls.py.
5. **Form Handling**:
   - Django provides form classes for rendering, validating, and processing form data easily.