1. Overview of Django: Web development framework.

Ans. Django is a high-level, open-source web framework written in Python. It is designed to help developers build robust, secure, and scalable web applications quickly and efficiently.

1. Advantages of Django (e.g., scalability, security).

Ans.

* Rapid Development: Django provides ready-to-use components for handling common web development tasks, speeding up the development process.
* Scalability: It is capable of handling applications with heavy traffic and complex requirements.
* Security: Django helps developers avoid common security issues such as SQL injection, cross-site scripting (XSS), and cross-site request forgery (CSRF).
* Versatility: Suitable for various types of projects, from small websites to large-scale enterprise applications.
* Extensibility: Offers a large ecosystem of reusable apps and plugins

1. Django vs Flask comparison. Which to choose and why?

Ans.

* **Django** is great for large, data-driven applications where you need built-in features to speed up development and make the app secure, maintainable, and scalable. It’s ideal if you want a "batteries-included" approach and don’t want to spend time integrating third-party libraries for common tasks.
* **Flask** is perfect for smaller, simpler applications, or if you need a micro-framework for flexibility and customization. It’s great for building APIs or microservices, and if you want to hand-pick your components and libraries.

The choice depends on the project’s size, complexity, and the level of control you want over the framework’s structure and functionality.