1. Write two to three sentences on why Django is so popular among web developers.

- Django is popular because it follows a batteries included approach, what I mean by that is that it provides a vast array of built-in features and functionality that web developers typically need. It also has strong community support and works with python which is one of the most popular languages out right now.

2. After some research, list five large companies that use Django. Specify what the company's product or service is and what they use Django for.

- Instagram - Is a social media app/website, they use Django for many of its backend tools to help it scale and handle a massive amount of user data.
- Youtube - Is a video sharing platform that uses Django for parts of its user-facing frontend, such as the admin interface and content management.
- Mozilla - Is the creator of the popular web browser Firefox, they use the Django framework to help power Firefox, and its other services.
- Pinterest - Is a photo sharing platform that utilizes Django for its backend to manage complex social features and content at a large scale.
- Spotify - Is a music streaming platform that employs Django for specific microservices and internal tooling, particularly for backend services and data analysis.

3. For each of the following scenarios, explain if you would use Django (and why or why not):
- You need to develop a web application with multiple users.
I would use Django because of its scalability and built-in features and ability to support high-traffic.

- You need fast deployment and the ability to make changes as you proceed.
I would use Django because of the MVT design process which would enable the fast deployment.

- You need to build a very basic application, which doesn't require any database access or file operations.
I would not use Django here because Django would be overkill for such a small project, a better alternative would be a lightweight framework.

- You want to build an application from scratch and want a lot of control over how it works.
I would but there could be better alternatives, Django is flexible but it does have its own way of doing things.

- You're about to start working on a big project and are afraid of getting stuck and needing additional support
Django would be great as it is a really popular framework with extensive documentation and community support.

Python installed:

```
PS C:\Users\PC> python --version
Python 3.8.7
PS C:\Users\PC>
```

Activated achievement 2 environment:

```
(achievement2-practice) PS C:\Users\PC\Envs\achievement2-practice\Scripts>
```

Django installed:

```
(achievement2-practice) PS C:\Users\PC\Envs\achievement2-practice> django-admin --version
4.2.25
```