Exercise Task 2.1

Why Django is so popular among web developers
Django is a framework with many features developers use, including user-friendly admin pannels and authentication. Great for large-scale projects, it is easy to scale, allowing you to create logic faster. Django uses an MVT "Model view template" to help with small to large applications, easy to modify and keep applications loosely coupled.

5 Companies that use Django:
- Instagram
- Pinterest
- Spotify
- NASA
- Reddit

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 definitely use Django for multi-user web applications. Django supports CDN "Content Delivery Network", this is servers that support content streaming. Many applications use this like Youtube, Google, and Netflix to stream large data of information to multiple users.

You need fast deployment and the ability to make changes as you proceed.
Yes, Django will be great if you need fast development and the ability to make changes as you proceed. With Django's fast processing, it makes your web application run faster. Using the MVT architecture it handles network transmission and content delivery at high speeds.

You need to build a very basic application, which doesn't require any database access or file operations.
I would recommend not to use Django for very basic applications. Django is great for small to large projects but if you are not going to use its features such as database access or file management, you may not need Django. Django is also very server-intensive, making it rather heavy on low-bandwidth servers.

You want to build an application from scratch and want a lot of control over how it works.
Django would not work here due to how Django works. It must be done "the Django way". It has a firm structure making it hard to add new elements, causing difficulty in building your project as no wiggle room is provided.

You're about to start working on a big project and are afraid of getting stuck and needing additional support.
Django has a great community of contributors. Django is an open-source framework with documentation and users to help with any problems you might encounter.