1. Write two to three sentences on why Django is so popular among web developers.
   - ❖ Django is popular among web developers because it provides a high-level framework that promotes rapid development and clean, pragmatic design. It includes built-in features like an ORM, authentication, and an admin interface, which saves time and reduces the need for repetitive code. Django's emphasis on security and scalability also makes it a preferred choice for building robust web applications.
2. List five large companies that use Django. Specify what the company's product or service is and what they use Django for.
   - ❖ Instagram
     - Product/Service: Social media platform for sharing photos and videos.
     - Usage: Instagram uses Django to handle its web application backend, managing user interactions, content delivery, and scalability.
   - ❖ Pinterest
     - Product/Service: Social media platform for sharing and discovering ideas through images and videos.
     - Usage: Pinterest uses Django to handle a significant portion of its backend, including user data management and image processing.
   - ❖ Spotify
     - Product/Service: Music streaming service providing access to millions of songs and podcasts.
     - Usage: Spotify uses Django for its web-based applications and internal tools, leveraging Django's flexibility and scalability.
   - ❖ Disqus
     - Product/Service: Commenting and discussion platform for websites and online communities.
     - Usage: Disqus uses Django for its core application, managing user comments, notifications, and moderation tools.
   - ❖ Mozilla
     - Product/Service: Open-source software organization best known for the Firefox web browser.
     - Usage: Mozilla uses Django for several of its web applications and internal tools, including its support website and add-ons platform.
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.
     - **Use Django**: Yes, because Django has built-in support for handling multiple users, including authentication, user management, and permissions.
   - ❖ You need fast deployment and the ability to make changes as you proceed.
     - **Use Django**: Yes, because Django's framework promotes rapid development and includes features that allow for quick changes and updates.
   - ❖ You need to build a very basic application, which doesn't require any database access or file operations.

- **Use Django**: No, because Django might be overkill for a very basic application without database or file operations. A simpler framework or plain HTML/CSS might be more appropriate.
- ❖ You want to build an application from scratch and want a lot of control over how it works.
  - **Use Django**: Maybe not, because while Django is powerful, it comes with a lot of built-in features and conventions that might limit control. A microframework like Flask could provide more flexibility.
- ❖ You're about to start working on a big project and are afraid of getting stuck and needing additional support.
  - **Use Django**: Yes, because Django has a large and active community, extensive documentation, and many third-party packages, making it easier to get support and find solutions to problems.

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(achievement2-practice) C:\Users      \Documents\99_CareerFoundry\Python\Acheivement02\00_Submissions\Ex2.1>python --version
                                            T.07
Python 3.8.7        ——— T.05

(achievement2-practice) C:\Users      \Documents\99_CareerFoundry\Python\Acheivement02\00_Submissions\Ex2.1>django-admin --v
ersion
4.2.13        ——— T.08
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