Django

1. Django is so popular among web developers for many reasons. Just a couple of examples: Security, versatility, large community, high-level, rapid development, etc. The list goes on. Developers look for web frameworks that can assist them to the fullest. When you have a framework like Django it makes your job easier.
2. Five companies that use Django:
   a. Dropbox: Cloud storage and file sharing platform. They use Django for its security and ability to share files.
   b. Prezi: Cloud-based presentation platform. Django helps Prezi with its ability to handle large amounts of users and presentations.
   c. Instagram: Photo-sharing social media platform. Django can handle Instagram's large number of users and photo sharing abilities.
   d. Eventbrite: An online ticketing and event management platform. User authentication and database management was key with Eventbrite using Django.
   e. Pinterest: Visual discovery and bookmarking platform. Rapid development and built-in security were the main reasons for choosing Django.
3. Would I use Django or not?
   a. Django comes with built-in user authentication and authorization features. That makes it easy to manage multiple users and their different roles and positions. So yes. I would use Django.
   b. Yes, I would use Django for this scenario as well. Django has a built-in development server and powerful template systems that would allow for rapid prototyping and development.
   c. This would have to be the first time I say no to Django. A full-stack web framework includes features that handle databases and file operations. Small and basic applications sometimes don't use these features. At least to their maximum. A micro-framework would be better.
   d. Django offers built-in functionality and has a high degree of customization options. Modular design allows the ability to change out components and add new ones. All of this allows for an application built from scratch everything it needs.
   e. Django has a large community of developers and users who can provide support if getting stuck happens. Django's built-in administration interface can make it easier to manage large amounts of complex data. So getting stuck might not even happen.

4.
```
PS G:\achievement1> python --version
Python 3.8.7
PS G:\achievement1>
```

5.
```
PS C:\Users\Jason> cd C:\Users\Jason\Envs\achievement2-practice\Scripts
PS C:\Users\Jason\Envs\achievement2-practice\Scripts> .\activate.ps1
(achievement2-practice) PS C:\Users\Jason\Envs\achievement2-practice\Scripts>
```

6.
```
(achievement2-practice) PS C:\Users\Jason> django-admin --version
4.2
```