

1. Suppose you're a web developer in a company and need to decide if you'll use vanilla (plain) Python for a project, or a framework like Django instead. What are the advantages and drawbacks of each?

Django would allow for substantially faster development due to the pre-built components that come packaged with Django. Additionally, Django would allow for built-in security features, and provides an architecture that would allow for scalability in future development. However, developers would have to learn Django's architecture, as Django doesn't provide flexibility in how the project is structured.

With vanilla Python, development would take longer, as each component of the project would have to be built from scratch, but developers would have complete control over each aspect of the project, and the app footprint would probably be smaller, as features not needed would be excluded from the project.

2. In your own words, what is the most significant advantage of Model View Template (MVT) architecture over Model View Controller (MVC) architecture?

The biggest advantage that MVT architecture has over MVC is that the developer doesn't have to write (and re-write) the controller code that handles the business logic, as the template takes care of routing the requests to the right place.

3. Now that you've had an introduction to the Django framework, write down three goals you have for yourself and your learning process during this Achievement. You can reflect on the following questions if it helps:

- **What do you want to learn about Django?**
- **What do you want to get out of this Achievement?**
- **Where or what do you see yourself working on after you complete this Achievement?**

1. By the end of this achievement I would like to feel like I am confident enough with Django to create my own project using the framework.
2. By the end of this achievement I would like to have a complete project to add to my portfolio displaying my use of the Django framework.
3. I would like to feel confident enough with Python that I could apply for junior level positions that require knowledge of Python.