

## Task 2.4:

1. Do some research on Django views. In your own words, use an example to explain how Django views work.

**Ans:** Django views are responsible for taking in requests that are made to the server and then provide an appropriate response for that request. For example, consider a social media app. The user visits their profile page. The request is made to the URL that is mapped to the view responsible for rendering the user profile template. The view will take the request and then render the template for the user.

2. Imagine you're working on a Django web development project, and you anticipate that you'll have to reuse lots of code in various parts of the project. In this scenario, will you use Django function-based views or class-based views, and why?

**Ans:** In my opinion, class-based views are a better option for the mentioned scenario as using classes we can significantly reduce redundant code by using encapsulation and abstraction. This way code will be reused throughout the project wherever it is required and changes will only be required to make only in the class that has that part of the code and its effect will be updated everywhere.