Exercise 2.6: User Authentication in Django

1. **In your own words, write down the importance of incorporating authentication into an application. You can take an example application to explain your answer.**

   Authentication is important in every app for security and privacy. Providing users with data protection is extremely important and is a much needed feature on today's internet. If your bank password wasn't protected properly, or could not be recovered, you would be an incredibly easy target for bad actors out there.

2. **In your own words, explain the steps you should take to create a login for your Django web application.**

   The first step would be to make the login view, and incorporate the Django authentication form. The next step would be to create the HTML template for the login page, and properly link it through the app level settings and URL files. Finally I would register it to the project by linking it through the main projects URL file.

3. **Look up the following three Django functions on Django's official documentation and/or other trusted sources and write a brief description of each.**

Function	Description
authenticate()	This function is a critical function in Django's authentication framework. It takes the user's credentials and validates them before returning a positive response.
redirect()	This function is a shortcut function that helps the user better traverse the app. It takes a model, URL, or view and directly sends the user to that location if/when the function is called.
include()	This function is used to clean up URLs with Django. When defining a URL you can use include() to wrap all the files underneath into one URL. So if you were to enter /recipes/tea it would wrap tea and the other underlying file into the /recipes URL