

Part 2

1. The simple answer is that websites use cookies to preserve the sessions, by the means of session tokens that are sent to the server via cookies. The session token or ID is generated using the user_ID or any other identification method. This is then sent to the client server to preserve the current user session. If the user requests something from the website, this session token gets sent back with the request.
2. To use an external source to save the data, like MariaDB, the only difference is the first few steps before running the command `python manage.py makemigrations` in the command line.

The first step is to get the external server details, this includes:

- Username
- Password
- Database name
- And Host

The second step will be to install the mysqlclient in python to be able to use the external server.

The above steps are just the setup steps, the 3rd step and the first config step is to define the server details in the Django project setup in python. This includes all the information that you collected earlier. The 4th step before the makemigration step is to ensure that you are and can connect to the external server.

And the last step is the steps running a local host Django project: run the scripts below:

```
python manage.py makemigrations
```

```
python manage.py migrate
```

```
python manage.py startserver
```