**Task#1: Virtual Environment**

You learned how to create a new Django project using PyCharm IDE which provides you with a ready virtual environment, however, VS Code doesn't provide that, so you have to search for:

* What is the main purpose behind using the virtual environment?

In PyCharm IDE, the creation of a new Django project will provide a module such as venv. Its purpose is to keep projects’ dependencies separated if the developer is working on more than one project. By dependencies I mean using different versions of Django in each project to keep them isolated from the system or other projects.

* How to create a virtual environment?

This can be done by using the module “virtualenv”

|  |  |
| --- | --- |
| pip install virtualenv | to install the virtual environment. |
| virtualenv --version | to test and check the version of installation. |
| virtualenv <name of directory> | to create a virtualenv |
| virtualenv -p /usr/bin/python2.7 < name of directory> | to create a more specific virtualenv |
| source <name of directory>/bin/activate | to activate the virtualenv |

**Task#2: Apply CRUD on ToDoList Project**

Text

Description automatically generated