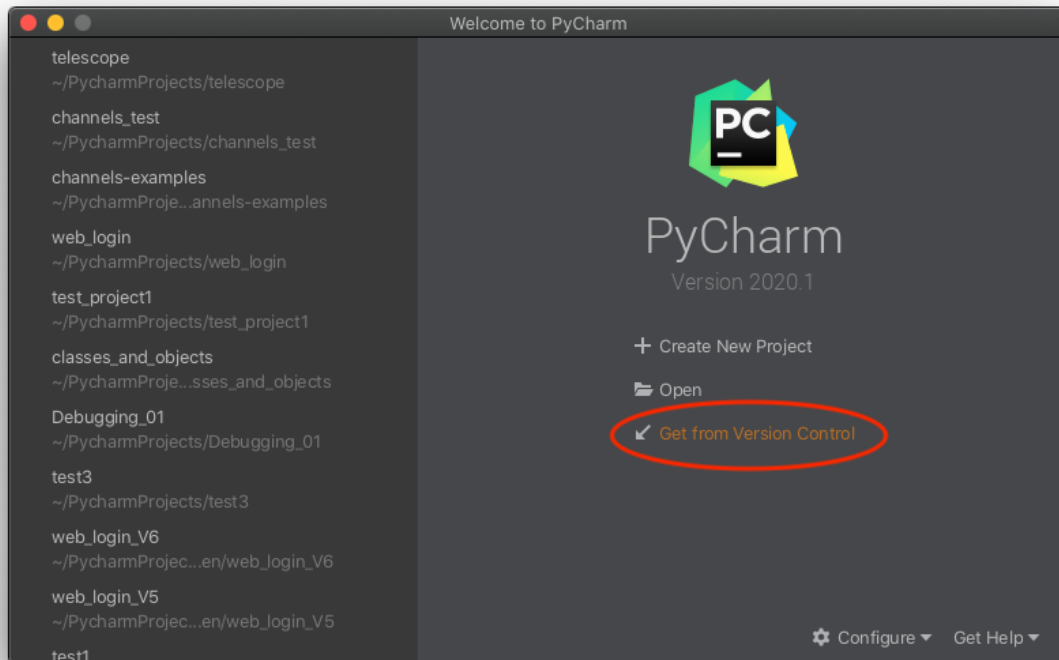


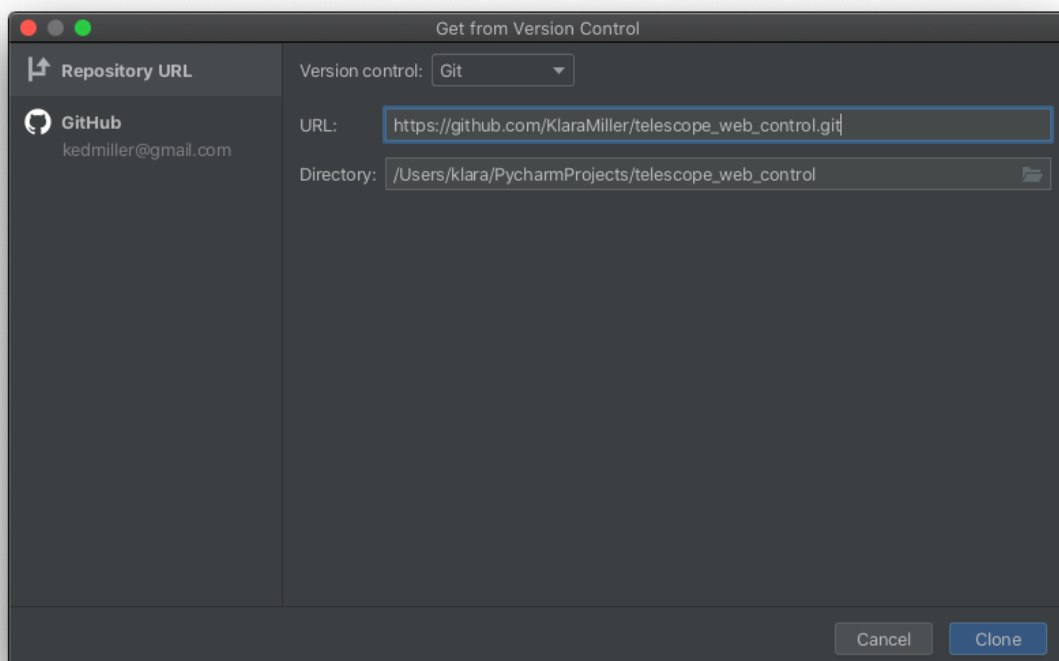
PyCharm Project Setup

Turn on zybo board

1. Start Pycharm > Get from Version Control



Clone the telescope webcontrol project from github:



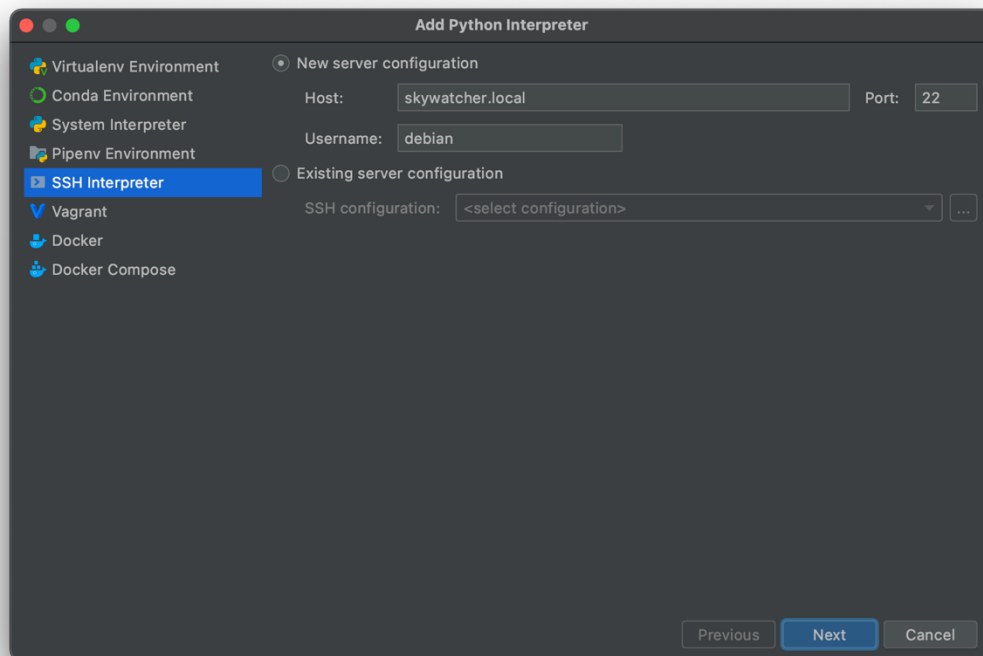
2. Add Python Interpreter

PyCharm > Preferences (or Settings) > Project: telescope_web_control > Python Interpreter

Click on gear symbol on top right > Add

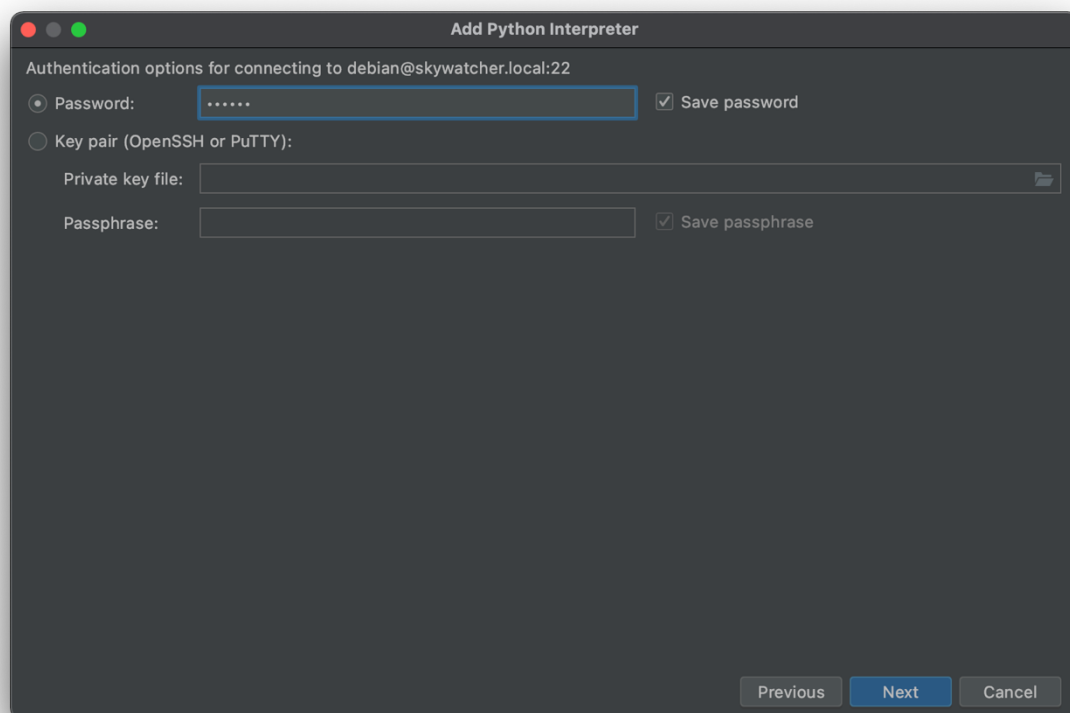
Select SSH Interpreter > Choose New server configuration

Add Host (IP Address or defined hostname) and Username

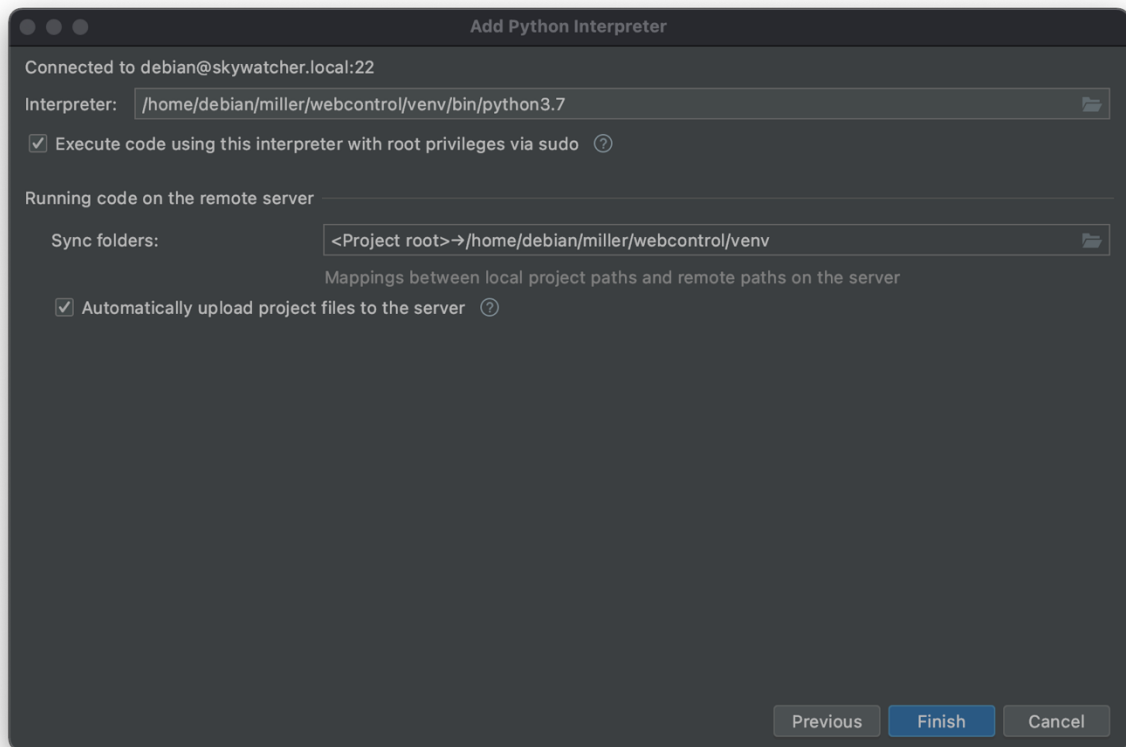


Type in password of zybo board

PW: debian

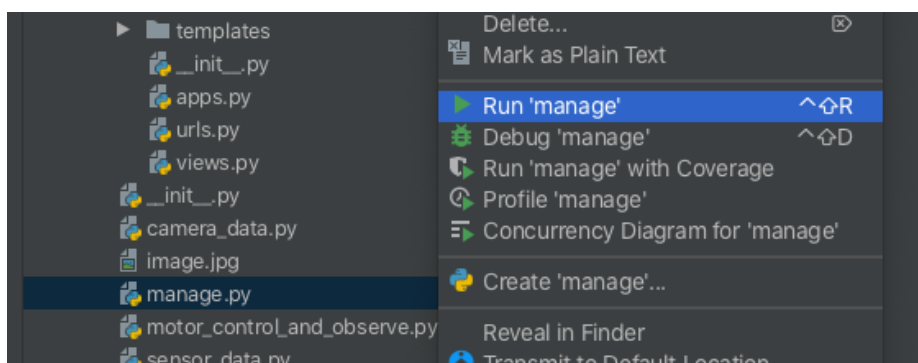


Add Interpreter Settings and press Finish and Ok

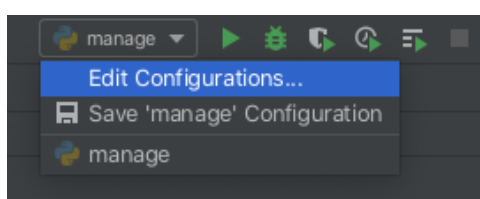


3. Create a Run Configuration

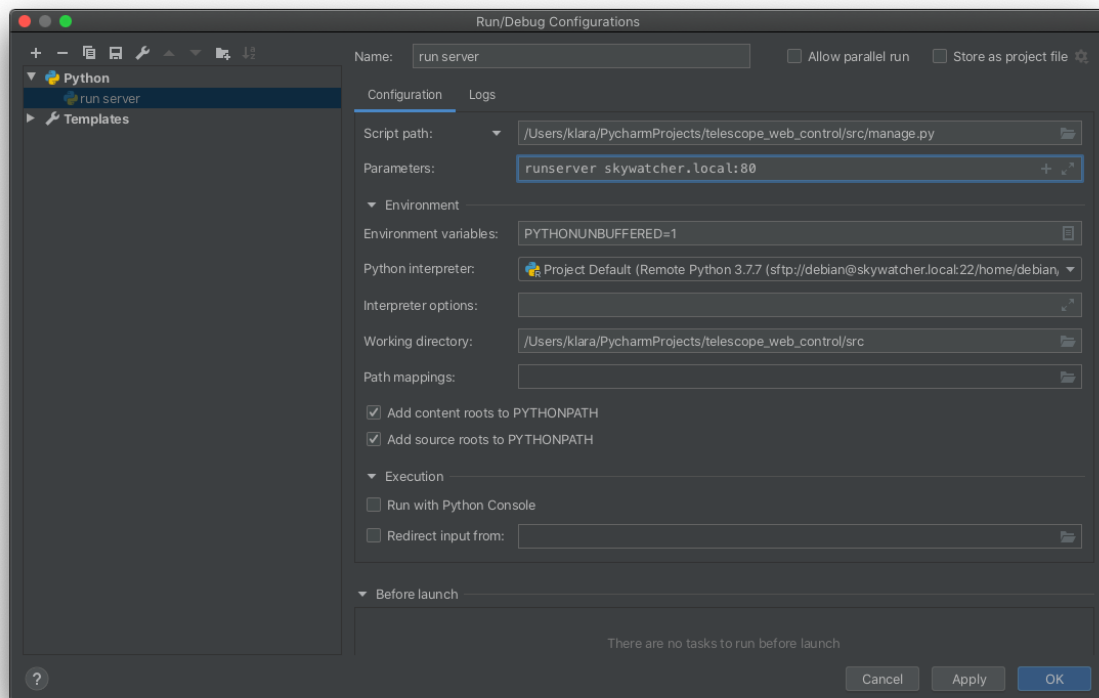
In the main window open the project window, where the code is displayed. Right click on `manage.py` and run the file and stop the script again after a few seconds. It can't be executed yet, but PyCharm creates a configuration for this script, that can then be altered.



On right top of main window click Edit Configuration:



Change Name and Parameters:



Now start the script by right clicking on manage.py again as shown above.

In addition, start the following two scripts: motor_control_and_observe.py, sensor_data.py

The website is now online and can be accessed:

