Q1. Advantages of a well thought through toolchain:

Having a toolchain gives an architecture to our work and thought process as it requires us to work in a very structured manner. This in turn helps us to write better programs in less time. Even while writing big programs we do not lose control of our work and flow.

Since everything is structured and in control it makes it easy to work in teams.

A good toolchain is in which tools can talk to each other. This can help automating things and save us some time.

In all a well though through toolchain gives our work a structure and keeps us organized in our work and thought process.

Q2. My toolchain is not too exhaustive as I code in Python and most of the tools are in in-built or external libraries. As far as I am concerned today, working with this toolchain does not help me be more productive well more structured in my work. However, I see that if I keep working according to my toolchain for some time I will get used to it and then I will be much efficient and effective in my work.

GitHub

HPCC

CODING

Command Line

DEBUGGING

Logfile

TESTING

PERFORMANCE

Logfile

BUILD/ DEPLOY

DOCUMENTATION

GPU

MAC

CODING

PyCharm

Vim

Sublime

DEBUGGING

PyCharm

TESTING

PyCharm

PERFORMANCE

Logfile

BUILD/ DEPLOY

PyBuilder

DOCUMENTATION

Deoxygen(code)

Sublime(my notes)

GPU