Spark Environment Variable Setup

# Spark on Mac / Linux

sudo vi ~/.bash\_profile

This will enter the vim window. Then you need to type ‘i’ for ‘insert’, then paste below 4 lines at the top.

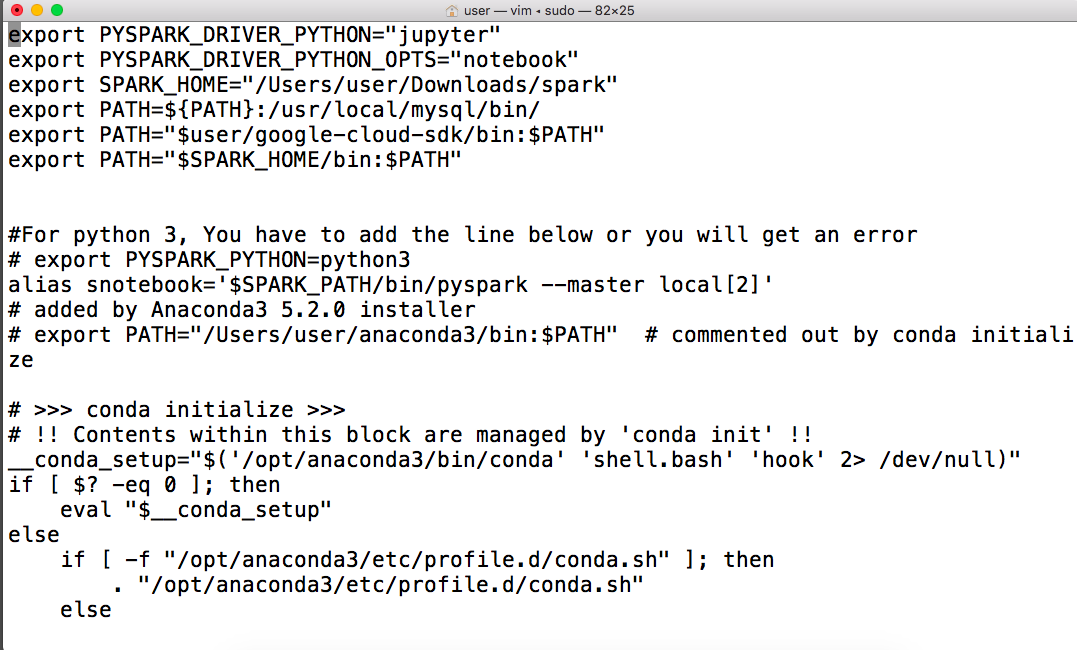
export SPARK\_HOME="/Users/user/spark"

export PATH=$SPARK\_HOME/bin:$PATH

export PYSPARK\_DRIVER\_PYTHON=jupyter

export PYSPARK\_DRIVER\_PYTHON\_OPTS='notebook'

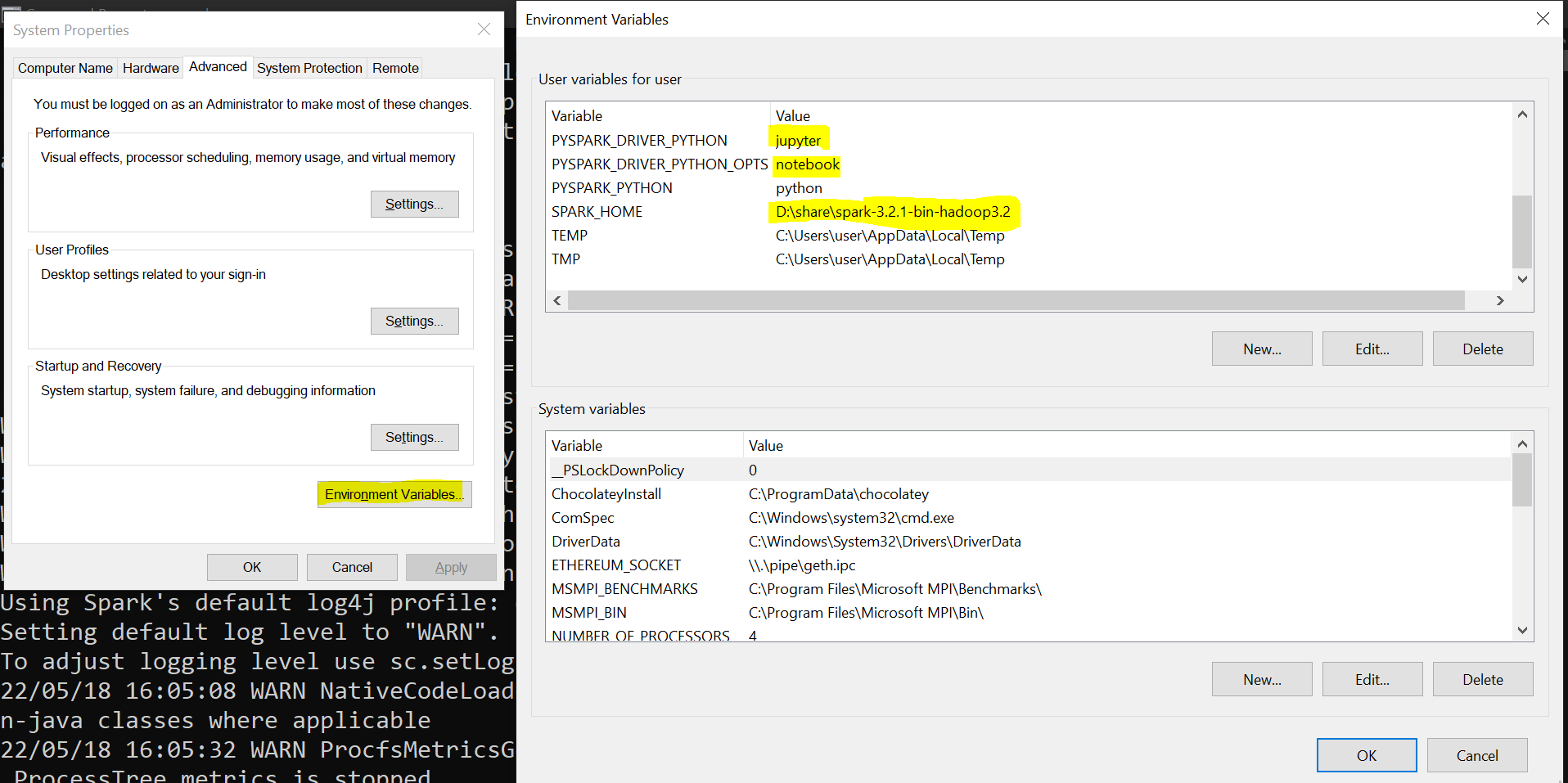
Finally, press ESC, type :wq (it means save and quit)



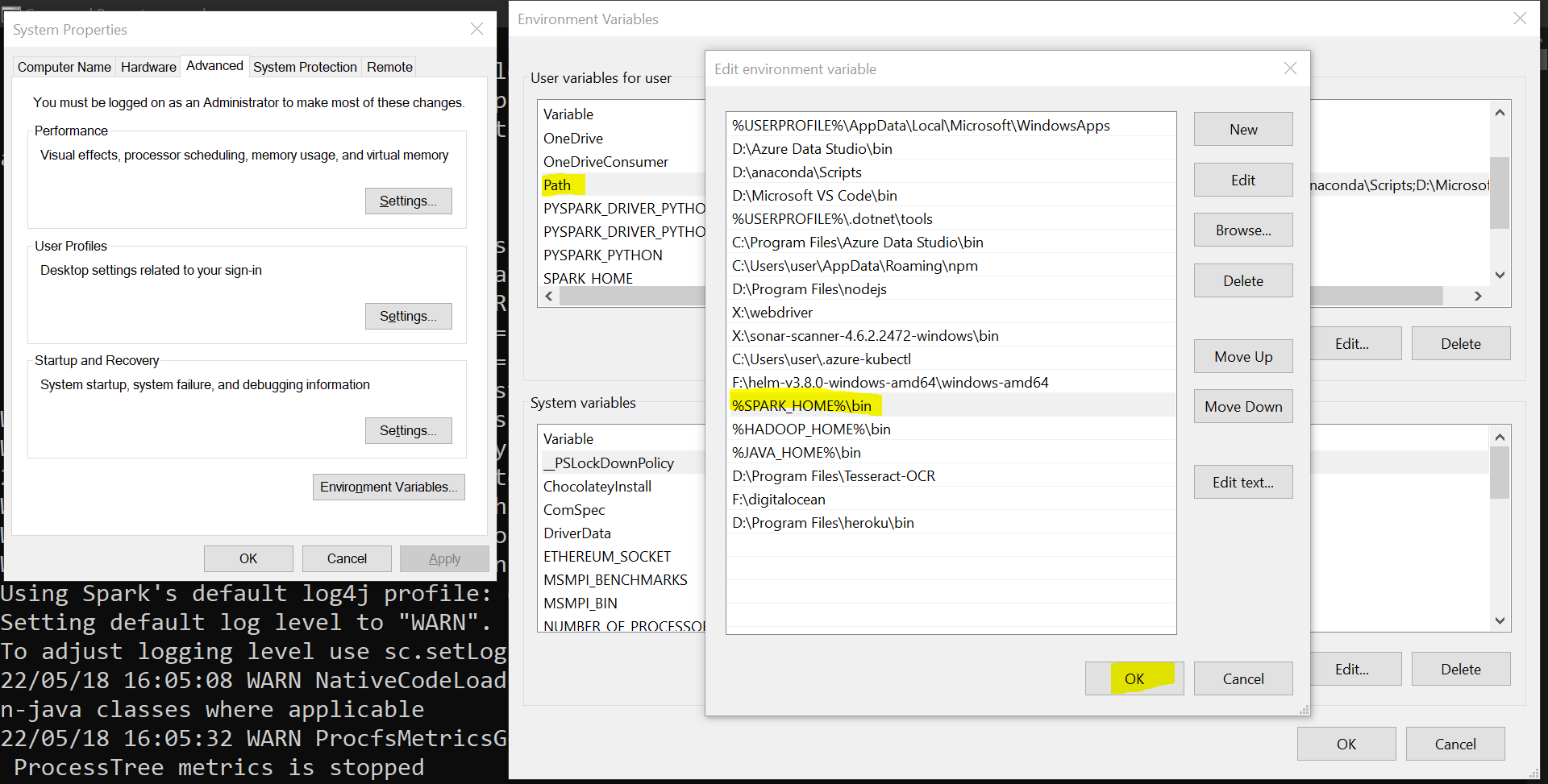
You can then check with ‘printenv’

# Spark on Windows

1. Start -> Edit the System environment variables / Edit the environment variables for your account
2. Click the Environment Variables... button
3. Click New and enter SPARK\_HOME as the Variable name and the path to your spark folder as the Variable value then click OK
4. Click New and enter PYSPARK\_DRIVER\_PYTHON as the Variable name and jupyter as the Variable value then click OK
5. Click New and enter PYSPARK\_DRIVER\_PYTHON\_OPTS as the Variable name and notebook as the Variable value then click OK



1. Select the Path variable and click Edit...
2. Click New and type out the path to the %SPARK\_HOME%\bin folder then click OK



1. Click OK on the Environment Variables window
2. Click OK on the System Properties window
3. Note: If the above steps don’t work, then we may also need to check if Java is installed and configured properly.

