

LAB 4 ENTER AND CREATE ENVIRONMENT VARIABLES FOR JAVA

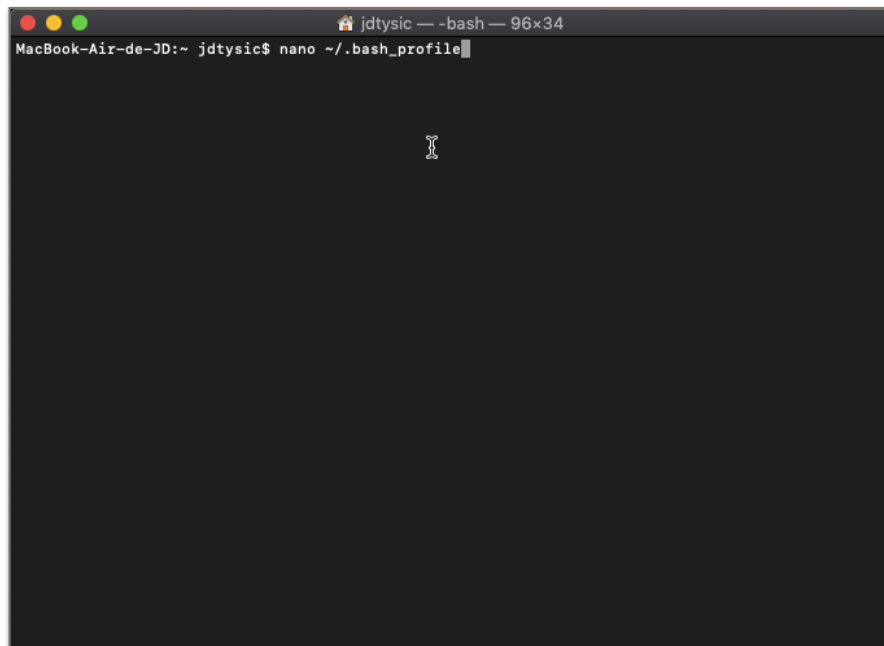
◆\$PATH

First we have to verify that the path that we are going to enter in the PATH with the command does not exist

```
$ echo $ PATH
```

To add environment variables in MAC OS we must modify the .bash_profile file
Then we open the Terminal and enter

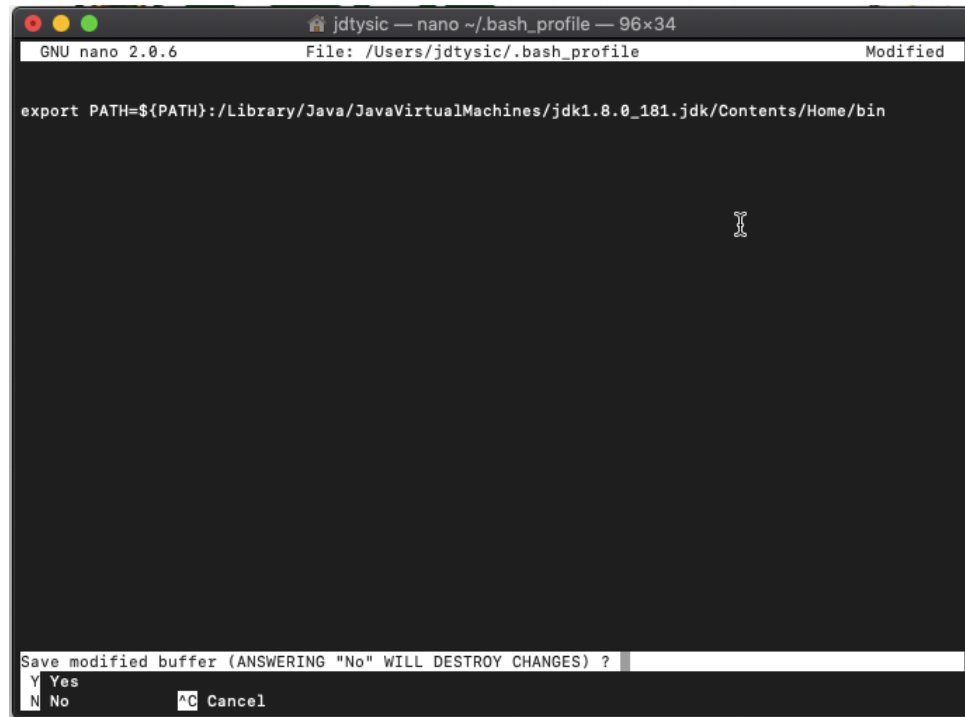
```
$ nano ~/.bash_profile
```



And we will open an editor in the same Terminal, in which we will enter the following command
`export PATH=${PATH}:/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/Contents/Home/bin`



Next, we perform "control + X" and press the letter "Y" to save the file



```
GNU nano 2.0.6      File: /Users/jdtysic/.bash_profile      Modified

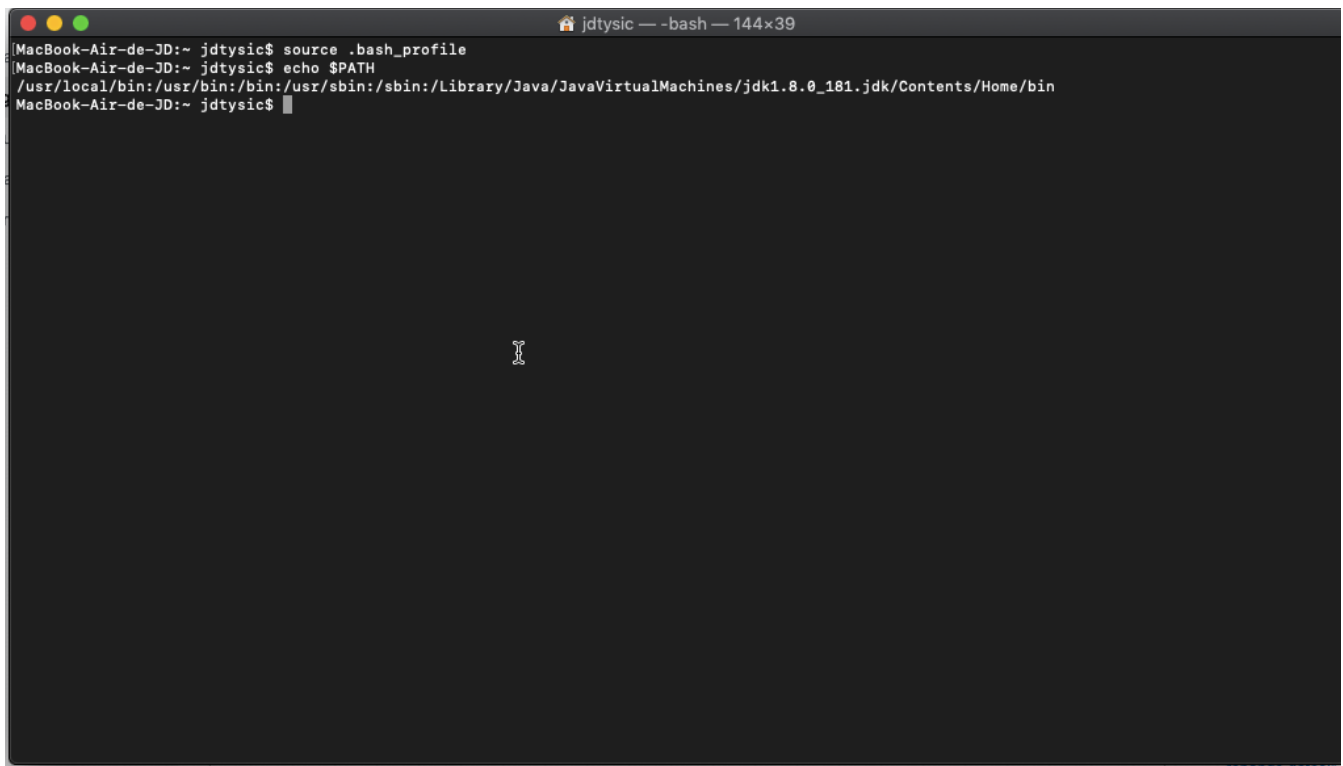
export PATH=${PATH}:/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/Contents/Home/bin

Save modified buffer (ANSWERING "No" WILL DESTROY CHANGES) ?
Y Yes
N No      ^C Cancel
```

Restart the .bash_profile file and then verify if the Variable Input was made

Entering:

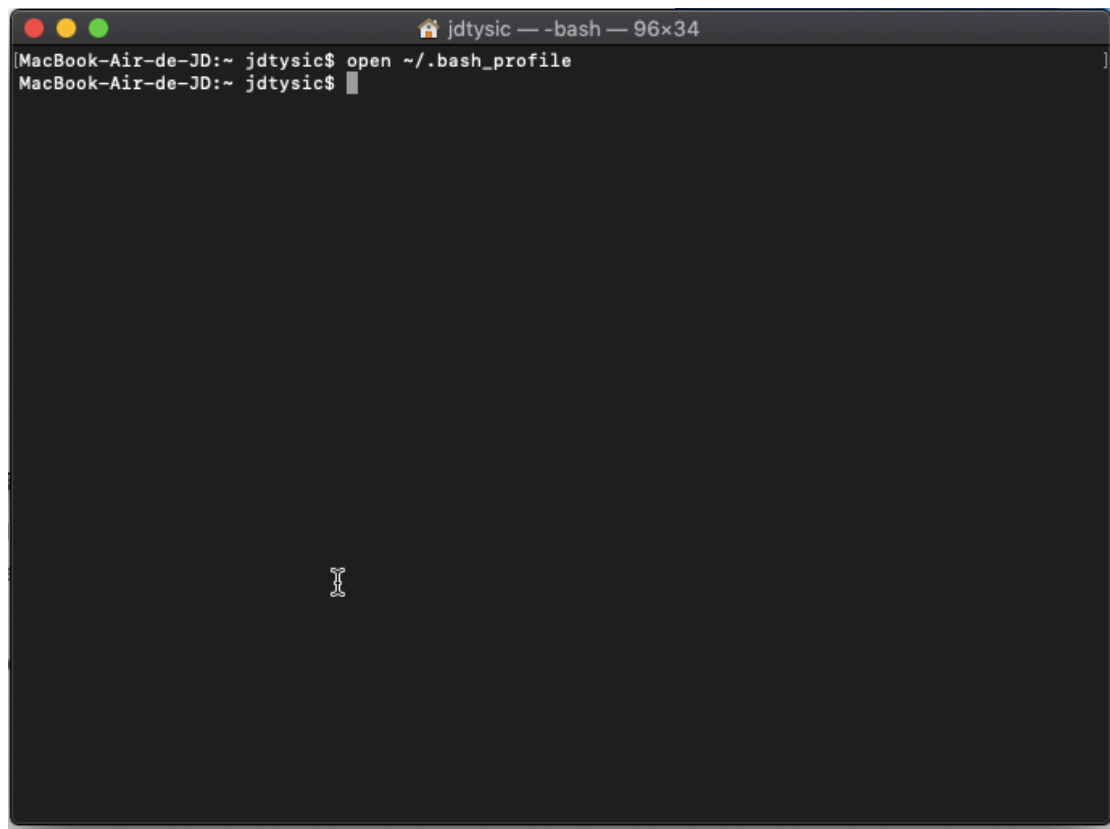
\$ echo \$PATH



```
MacBook-Air-de-JD:~ jdtysic$ source .bash_profile
MacBook-Air-de-JD:~ jdtysic$ echo $PATH
/usr/local/bin:/usr/bin:/bin:/usr/sbin:/sbin:/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/Contents/Home/bin
MacBook-Air-de-JD:~ jdtysic$
```

◆\$CLASSPATH

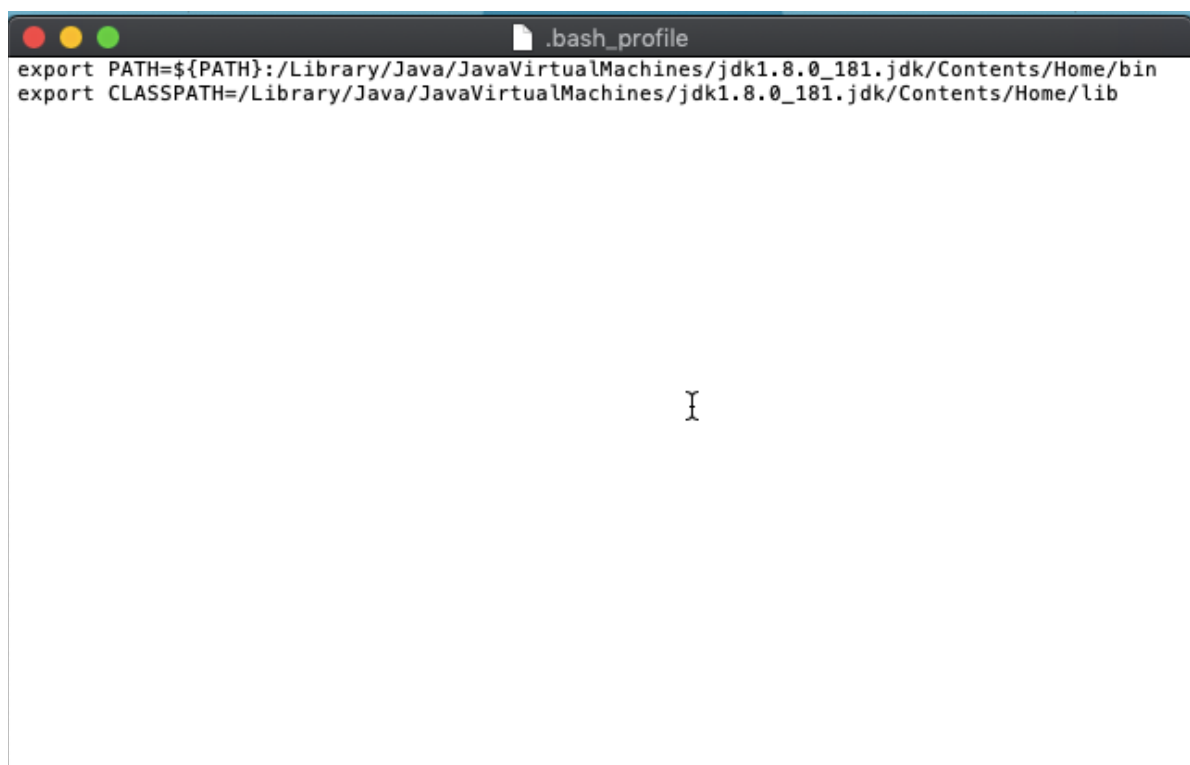
Now we perform the same procedures but opening the `.bash_profile` file with the command
`$ open ~/.bash_profile`



```
MacBook-Air-de-JD:~ jdtysic$ open ~/.bash_profile
MacBook-Air-de-JD:~ jdtysic$
```

And a text editor will open in which we enter the following command

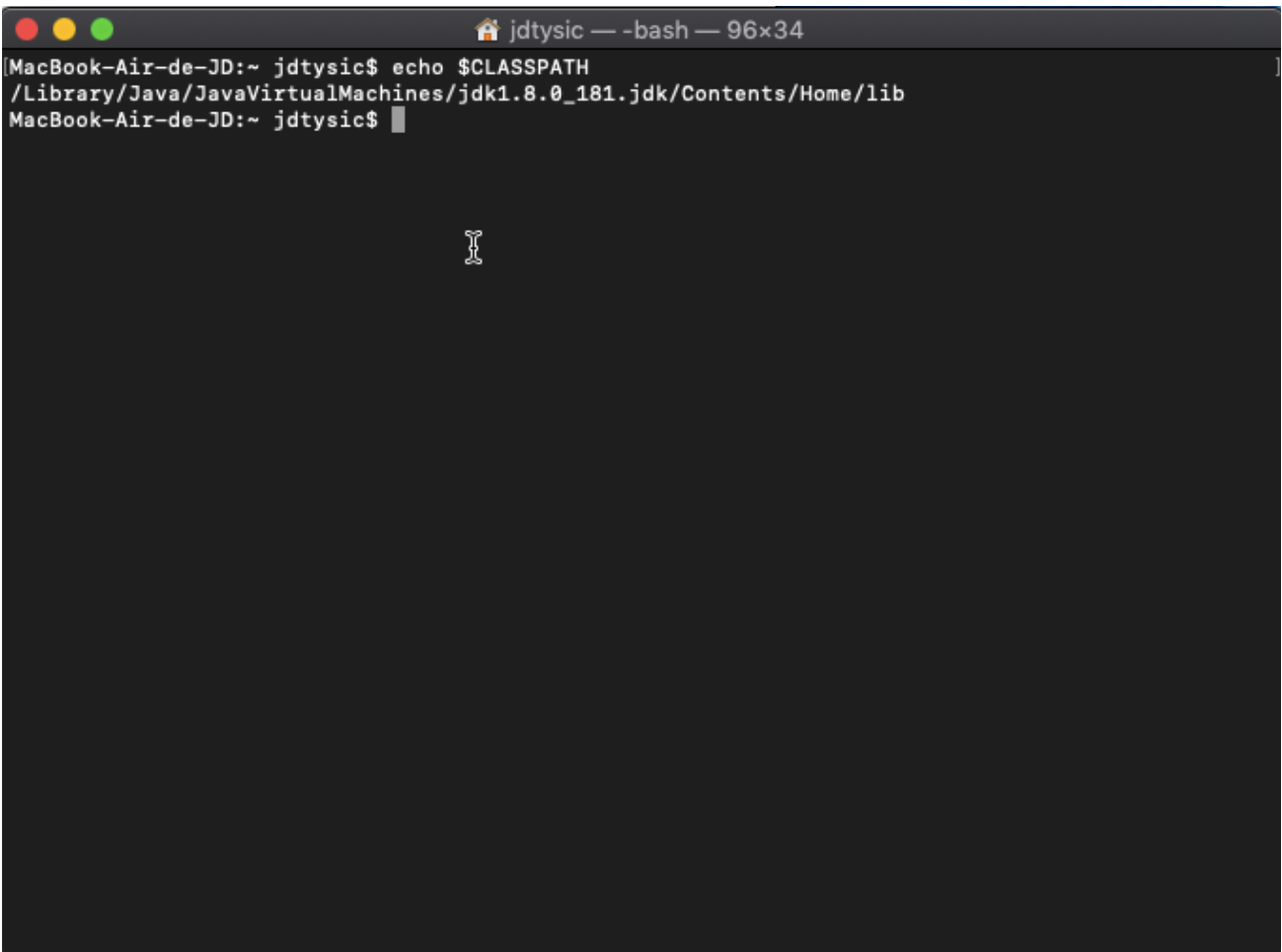
```
export CLASSPATH=/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/Contents/Home/lib
```



```
.bash_profile
export PATH=${PATH}:/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/Contents/Home/bin
export CLASSPATH=/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/Contents/Home/lib
```

We save, and verify if the entry of the variable was made

```
$ echo $CLASSPATH
```

A screenshot of a macOS terminal window. The title bar at the top shows three colored window control buttons (red, yellow, green) on the left, a home icon followed by the text 'jdtysic — -bash — 96x34' in the center, and a close button on the right. The terminal content shows a prompt 'MacBook-Air-de-JD:~ jdtysic\$' followed by the command 'echo \$CLASSPATH'. The output of the command is '/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/Contents/Home/lib'. Below the output, the prompt 'MacBook-Air-de-JD:~ jdtysic\$' is shown again with a cursor. A large, faint, stylized letter 'I' is visible in the background of the terminal window.

Ready, the variables can now be used.