

DOCUMENTATION FOR PS ATTENDANCE MARKER:

Everyday, from Monday to Friday, at 11:30am, the script is executed to mark my attendance on the PS1 lms website.

1. What did I use?

Python, Selenium, Environment Variables (In a file -> for scheduling, in bash_profile for program without scheduling), cronjob, loggers.

Code is easy enough to understand. If you find the specific element, click it.
The logger is just used to ensure that the cron job worked.

2. How to use environment variables?

Import os

```
os.environ.get('env_var_name').
```

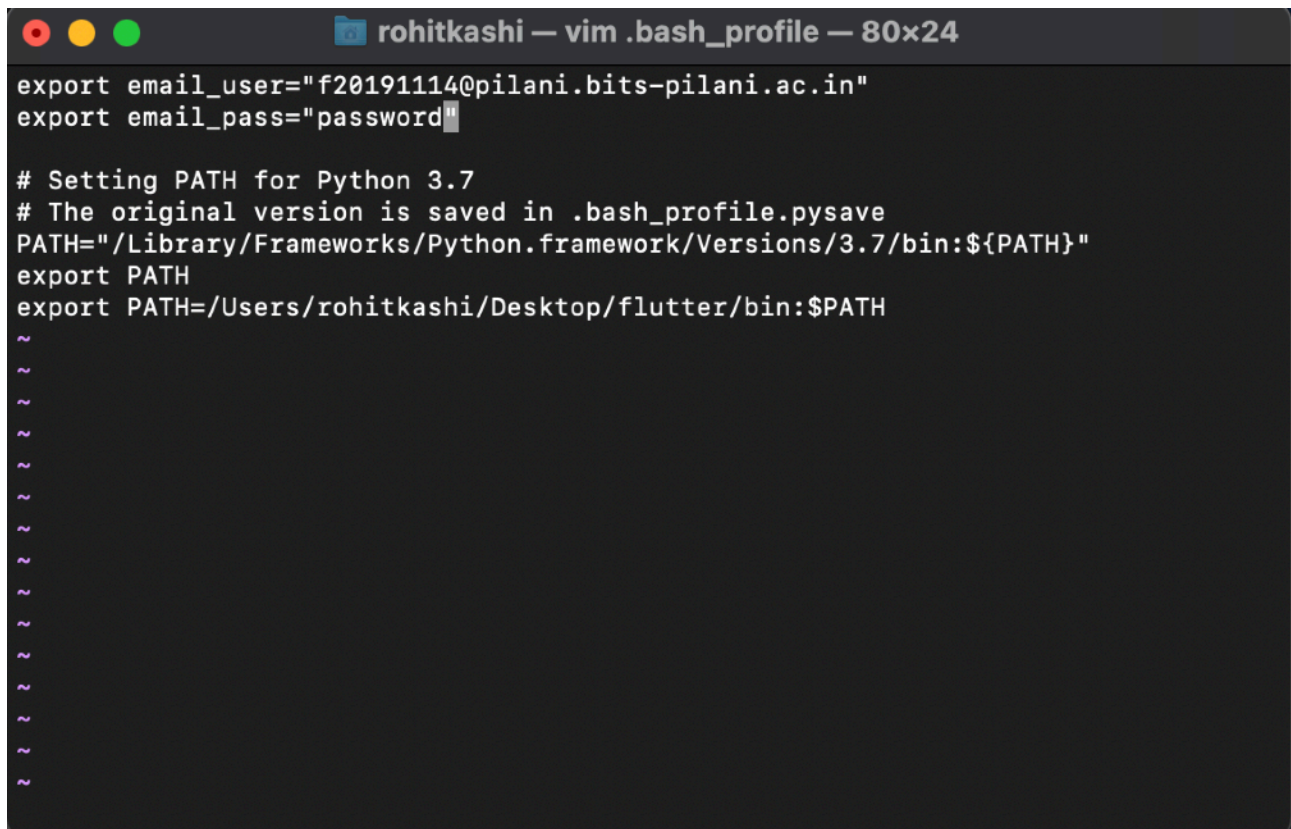
If you want to use cron, you need to define the env variables (and path, if you don't want to use && in cron) in a .sh file

If you're not scheduling, do the following:

(Refer to: <https://www.youtube.com/watch?v=5iWhQWVXosU>)

```
[Rohits-MacBook-Pro:~ rohitkashi$ vim .bash_profile
```

(You can use any editor you want. I chose vim)




```
rohitkashi — vim .bash_profile — 80x24
export email_user="f20191114@pilani.bits-pilani.ac.in"
export email_pass="password"

# Setting PATH for Python 3.7
# The original version is saved in .bash_profile.pysave
PATH="/Library/Frameworks/Python.framework/Versions/3.7/bin:${PATH}"
export PATH
export PATH=/Users/rohitkashi/Desktop/flutter/bin:$PATH
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```

3. How to schedule tasks?

I used cron for this.

(Refer: www.youtube.com/watch?v=5bTkiV_Aadc)



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, and a folder icon followed by the text 'rohitkashi — -bash — 80x24' on the right. The terminal content shows the prompt 'Rohits-MacBook-Pro:~ rohitkashi\$' followed by the command 'crontab -e' which has been entered and is currently being edited, indicated by a white cursor at the end of the line.

[illegible]

```
rohitkashi — -bash — 80x24
Rohits-MacBook-Pro:~ rohitkashi$ crontab -e
crontab: no changes made to crontab
Rohits-MacBook-Pro:~ rohitkashi$ crontab -l
## * * * * ~ /env.sh
30 11 * * 1-5 ~ /env.sh
## * * * * /Users/rohitkashi/venv/bin/python /Users/rohitkashi/Desktop/untitled.
py
Rohits-MacBook-Pro:~ rohitkashi$
```