ASSIGNMENT REPORT 1: PROCESS AND THREAD IMPLEMENTATION

CENG2034, OPERATING SYSTEMS

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Abstract

In this assignment, one of our goal is learning how to use python os, requests, threading and platform libraries. Learning operating system basics, remember phyton and linux skills and how threads works is another goals. I assume using threads while getting url status codes will make our job faster before assignment. It happened.

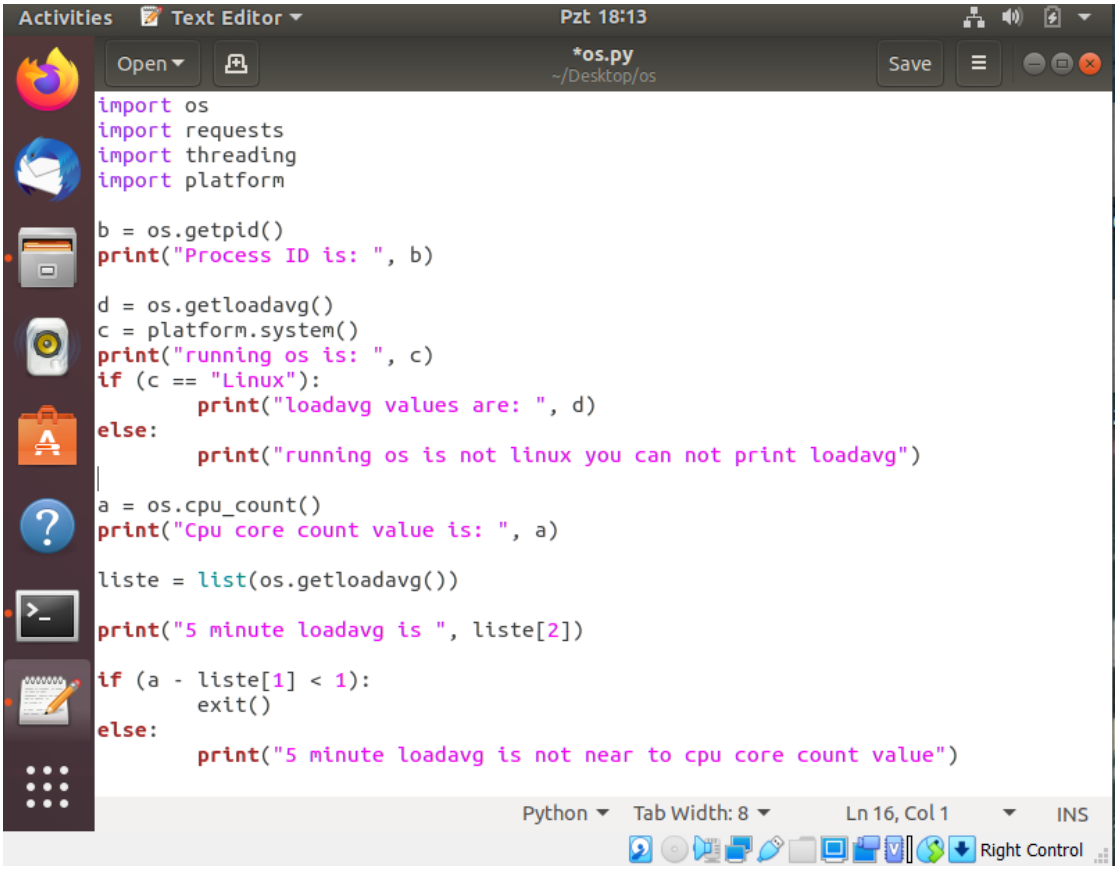
1 Introduction

This assignment is important because I practice and learned how operating systems works, specially linux. I used python and linux for this assignment.

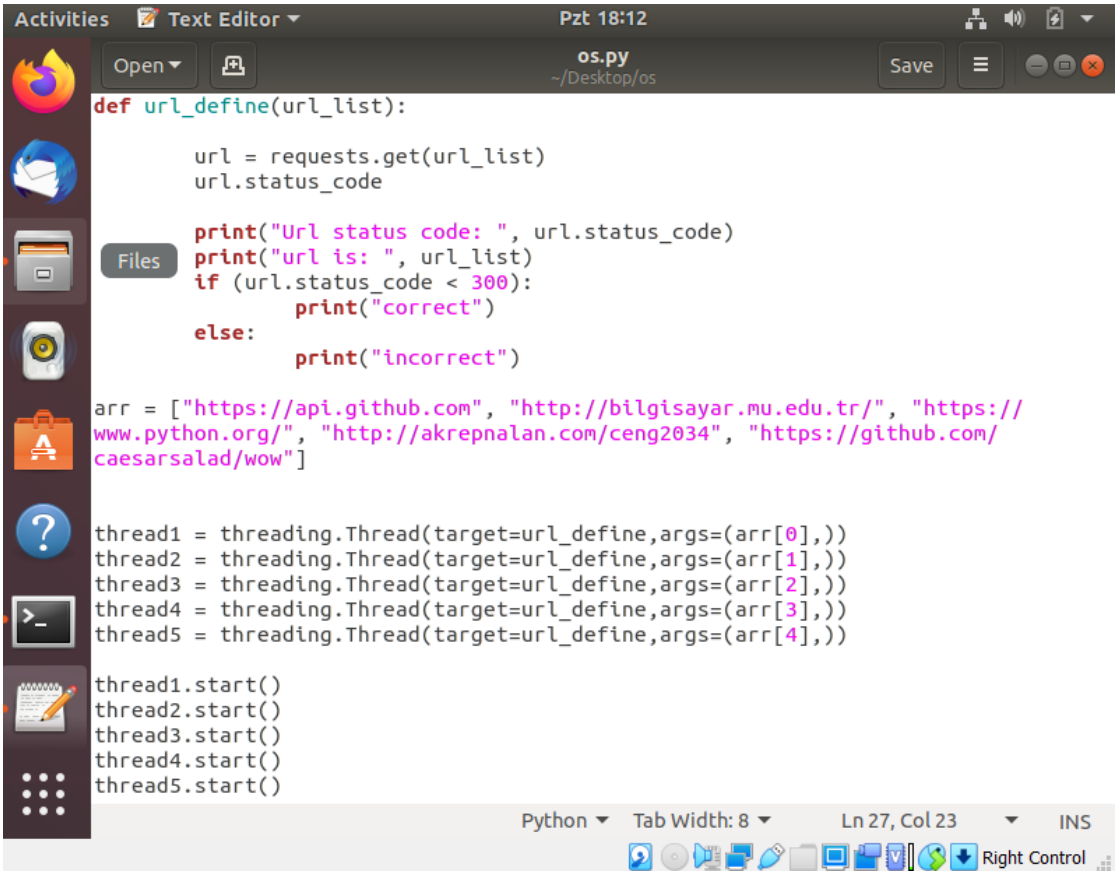
2 Assignments

At fourth question, I could not write urls in threads. Then I write urls in an array and give indexes to threads. Printing 5 minute loadavg value is not possible with one line code like os.getloadavg(). I also print it with using an arrays first index.

3 Results



Code of Question 1-2-3



Code of Question 4

4 Conclusion

Every computer scientist should know operation system basics. It will make our softwares more efficiently.