

ASSIGNMENT REPORT 1 : PROCESS AND THE ADIMPLEMENTATION

Introduction

I have implemented a python script code, which contain following stages and objective, (pid) number of current process, get platform Linux or windows, get the (loadavg) , count no of core (CPU), At last, I checked the given link using python requests library, which is 200 block is successful 500 block of 600 block means server problems, why is the lab performed? During this lab I have learned many things like how (CPU) core works, OS library , current process no and many more thing.. what is the specific purpose of this lab? The specific purpose of this lab is learning about process concept, multi processing concept and multi threaded. Why is this lab important ? as a computer engineer students we should have idea how process concept multi processing concept and multi threaded that I learned throughout this lab.

assignments

Firstly import OS and requests package to implements the code

1 - get pid no of current process

2 - get platform "linux" or "Windows"

3 - get the load average over the last 1 min 5 min and 15 min

4 - if platform is Linux print load average

5 - count no of core CPU

6- If the loading value is near of (close) to CPU core count (hint: no proc - 5 min loadavg <1) then exit the script