



Assignment No. 01
SEMESTER Fall 2012
CS604- Operating System

Total Marks: 15

Due Date: 6th
November 2012

Instructions

Please read the following instructions carefully before submitting assignment:

It should be clear that your assignment will not get any credit if:

- **The assignment is submitted after due date.**
- **The submitted assignment does not open or file corrupt.**
- **The assignment is copied.**
- **There is not mentioned the student Id in the assignment File or name of file is other than student ID.**

GOOD LUCK

Marks: 15

Question 1: [Marks 10]

Let us consider a situation in which functionality is placed in device controller instead of keeping that functionality in kernel.

Write down any two advantages and any two disadvantages of this scenario.

Question 2: [Marks 5]

Let us consider a scenario in which a job/process loses its ability of using a CPU when it gets rolled out of memory.

Explain a scenario in which a job/process loses its ability of using a CPU without getting rolled out of memory.

Uploading Instructions:

Upload your assignment as a Microsoft word file. It should have name [YourRollNo.doc]

Deadline

Your assignment must be uploaded/submitted at or before Tuesday, 6th November 2012