CS 465 – Fall 2021 – Homework 2
Prof. Daniel A. Menasce
Department of Computer Science
George Mason University

Team Allowed: maximum of two per team. The members of a team must be from the **same** CS 465 section.

State clearly the team member names and GMU IDs as comments in each page of the submitted homework.

IMPORTANT:

(1) Start to work on the homework early.
(2) If you plan to do the homework with a classmate, make a determination early if your teammate is responsive.
(3) Full explanation for your answers is required. **You will not get credit without explanation.**
(4) Use a word processor to type your answers and generate a pdf file from it.
(5) **Do not share your solutions or partial solutions** on Piazza or any other platforms (electronic or otherwise) before the deadline. This assignment is individual to a group. If you want to ask questions about your solution, please ask the TA or me.
(6) **Plagiarism is not permitted in any form. I enforce the university policy and honor code**

Late submissions are not accepted.

How to submit: The submission will be made via a blackboard link available to you. You must submit a PDF file answering all questions. For team projects, only one member of the team should submit this PDF file and the other should submit a one-page PDF file stating the names of both members of the team. If you fail to submit the one-page PDF file you will not get any credit for the homework.

The PDF file name should follow the following convention:
"cs465_hw2_LastName1_LastName2"(for 2-member teams), or
"cs465_hw2_LastName1" (for 1-member teams).

Do the following exercises from your textbook (i.e., Computer Organization and Design: The Hardware /Software Interface), David Patterson and John Hennessy, Fifth edition).

1) Exercise 2.9 (14 points)
2) Exercise 2.10 (14 points)
3) Exercise 2.17 (12 points)
4) Exercise 2.23 (12 points)

5) Exercise 2.26.1 (12 points)
6) Exercise 2.47.1 (12 points)
7) Exercise 2.47.2 (12 points)
8) Exercise 2.47.3 (12 points)