# 3 CS – G1 , G2

# Rules

1- Assignment deadline is 1/11/2014 11:55 PM

2- Assignments will be sent to this email : m.ibrahim@fci-cu.edu.eg

3- Subject will be: Assig1(space)Group\_ID

“i.e Assig1 CS\_G1\_200xxxxx”

“i.e Assig1 Minor\_DS\_CS\_200xxxxx “

4- Each problem should be solved in a separate file.

5- Cheating will be severely punished.

# Assignment 1

1- Write an assembly code to calculate the area and circumference of a rectangle. Given that the length and width are taken from the User. And the results are printed to him.

2- Write an assembly code to calculate and print the execution time of a program after improvement using Amdahl’s law. User input:

a. Program total execution time

b. Execution time affected by improvement

c. Amount of improvement.