Sl No	Assignment	Date
1	Find the LCM & GCD of two numbers.	19/08/2014
2	Read an integer in hex and reorder the bytes as shown in the example below. Eg. input – 0xABCDEF23 output – 0x23ABEFCD	28/08/2014
3	Find the maximum, minimum, mean and standard deviation of an array of 10 integers.	06/09/2014
4	Find the factorial of an integer number by using a recursive function. Have the recursive function defined in another file called recursive.c and its corresponding declaration/function prototype in recursive.h header file.	20/09/2014
5	Sort an integer array of 10 elements in ascending order using a) bubble sort b) selection sort	26/09/2014
6	Find the value of $\sin(\pi/4)$ using the sine series given by $\sin(x) = x - x3/3! + x5/5! - x7/7! + x9/9! - \dots$ (use at least first 20 terms of the series to compute the value)	30/10/2014
7	Dynamically create a two dimensional matrix and write a user-defined function which takes this matrix as an argument and prints its individual row and column sums.	06/11/2014
8	Write a user-defined function which performs: a) string copy; b) string reversal; c) string concatenation of two strings.	11/11/2014
9	Given two matrices perform matrix multiplication. The order of the matrices will be given by the user.	18/11/2014
10	Using structures, create a record for each student. The record should contain student name, marks scored in Science, Mathematics, English, Bengali and their average. Enter data of 5 students and sort the records based on the average marks.	25/11/2014
11	Read a file containing text and print its contents in reverse order (bottom-up fashion). Give the file name as a command line argument.	2/12/2014