

Department of Computer Science  
NIT Calicut

CS2093 Hardware Laboratory  
Winter Semester 2016-2017

Integer Handling

Instructions

1. All the assignments should be submitted through Eduserver.
2. Pendrives are not permitted inside the lab.
3. Practice problems will not be evaluated.

Practice Problem

1. Write a program to read a 1 digit number and find the square of it.
2. Write a program to read two 16 bit numbers add them and print also.
3. Read a single digit number and print multiplication table of the number.
4. Write a program to read two 16 bit numbers add them and print also.

Assignment problem

1. Write a program to accept a number between 0 to 9 and print all numbers between 0 and that number.
  2. Write a program to check whether a system is little endian or big endian. Hint: For little endian lower-order byte of the data is stored in memory at the lowest address and for big endian higher-order byte is stored at lowest address
  3. Write a program to find LCM of two numbers using Euclids algorithm (non recursive).
  4. Write a program to read, subtract and print two 16 bit numbers.
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