**15CSE381 Computer Organization and Architecture Lab**

**Lab Sheet - 1**

1. Understand the QT Environment.
   1. Help manual
   2. Console
   3. Main window
2. Understand the “HelloWorld.s” program.
3. Go through the MIPS Instruction set.
4. Write a program to find out the largest number from a list of ‘n’ words. Have ‘n’ as a variable. Show the outputs for n=5 and n=10.
5. Fibonacci series is given as {1, 1, 2, 3, 5, 8, …}. For a given number ‘n’, return the nth Fibonacci number.
6. Write a generic program to transfer a block of data (n words) from one section of memory to the other section of memory. Have ‘n’ as a variable. Show the outputs for n=10 and n=15.