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CS2093D HARDWARE LABORATORY
Practice Questions – Integer Handling

1. Printing your name and address.
2. Read a key stroke and report whether caps lock is on or not.
3. 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 the lowest address]
4. Find largest among two single digit numbers.
5. Find if a single digit number is ODD or EVEN.
6. Write a program to read a 2 digit number and find the square of it.
7. Read two integers and print whether the first number is a multiple of the second.
8. Read a two digit number and find the sum of even numbers from 0 to that number.
9. Print first n powers of 2 given the value of n (1,2,4,8 2^n).
10. Print the pattern.

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