

## CSE 331/EEE 332 Work Sheet 3

### **Problem A**

Write a program that will convert a decimal number to a binary number.

### **Problem B**

Write a program that will put a space in between a letter and a punctuation mark if they do not have any space in between them. For example, if we have a sentence like –

**Input:** A computer programmer,sometimes called more recently a coder,is a person who creates computer software.

**Output:** A computer programmer, sometimes called more recently a coder, is a person who creates computer software.

### **Problem C**

Write a program that will find the maximum number from a given array. You do not have to take inputs from the user. You just have to print out the maximum number. Assume that you have an array of size 10. Load it with values of your choice.

### **Problem D**

You are given two arrays loaded with random numbers. You must add the content of each array and the sum will be stored in another array. You must print the contents of the sum array. Ex:

<b>Array 1</b>	1	2	3	4	5
<b>Array 2</b>	5	4	3	2	1
<b>Sum Array</b>	6	6	6	6	6

Create the three arrays. Load values of your wish in the first two. Place the sum of each of the element in the two arrays into the third array.