**Lab 10**

**Task# 1**

*Write the programming exercise‘s question #9 at page #177 from Ytha Yu’s book.*

**Task#2**

Write a program to find the maximum number and the minimum number from an array of word size.

***Note: please write two functions MIN and MAX, both function received array offset and size through stack and return the minimum or maximum number through AX.***

**Task#3**

Write a program to search a particular element from an array using linear and binary search. If the element is found set AX to one and otherwise to zero.

***Note: please write functions linear search and binary search, both function received the required parameters through stack.***

**Task# 4**

***Write the programming exercise‘s question #6 at page #203 from Ytha Yu’s book.***

**Important Notes:**

**Make Sure that you have not saved your program in M drive(your ftp)**

**Properly Commented Program will get Extra Marks**

**The output of your program should be same as given in sample execution**

**Be Prepared for a detailed viva**

**DO NOT COPY OTHERWISE YOU WILL BE AWARDED ‘ZERO’ IN ALL PREVIUOS LABS**