Name, Surname   :
Number   :
Course Code   : EEE162
Course Name   : COMPUTER PROGRAMMING-I

Exam   :   ○ Quiz   ○ Midterm   ● Final
Date   :25.05.2015

Please make sure to write your name and student number on paper that you have used

Question Number	1(1p)	2(30p)	3(30)	4(30p)	5(20p)		**Total**
Mark							

Note:
  1-Exam duration is 90 minutes only.
  2- You dont get any other paper. Please use your paper efficiently!
  3-You are not permitted to carry your mobile phone into the exam venue even if it is switched off.

Questions

1-(1p) *Write a C program that write your name and surname on the screen!*

2-(30p)What does the following program **output** and **Explain** the output comming from where? (Only Output) *OR* (wrong Explanation with correct answer) is zero point!

```
#include <stdio.h>
 int main() {
  int a, b, x, y, t, gcd, lcm;
   x=20;y=12;
   a = x;
  b = y;
   while (b != 0) {
    t = b;
    b = a % b;
    a = t;
  }
   gcd = a;
  lcm = (x*y)/gcd;
printf("GCD of %d and %d = %d\n", x, y, gcd);
printf("LCM of %d and %d = %d\n", x, y, lcm);
  return 0;
}
```

3-(30p) *Write a function* that **displays** a solid square of "*" whose side is specified in **integer parameter side**.

4-(30p)Write C program to **reverse** an array: This program reverses the array elements.The size of array is 5.

5-(20p) **Write a program** to find the **SUM** of *first EVEN n* integer numbers where *n* is **entered by USER.**
   a) (5p)Use for loop
   b) (5p)use do-while loop
   c) (5p)use while loop
   d) (5p)draw algoritm of this with using flow-chart

Yrd.Doç.Dr. Oğuz Ata