DOKUZ EYLUL UNIVERCITY

Faculty of Engineering

Electrical and Electronics Engineering

EED 1005 Introduction to Programming Laboratoary#8

Student Name : Yavuz BALI

Number:2014502021

Experiment Date: December 18,2016

Preliminary Work:

TASK 1:

Number of counts F7 is hit	"a"	"b"	"c"	"d"
1	2	0	1	80
2	2	0	1	80
3	2	0	1	80
4	2	1	1	80
5	2	1	1	80
6	2	1	1	80
7	2	1	1	80
8	2	1	2	80
9	2	1	2	80
10	2	1	2	80
11	2	1	4	80
12	2	1	4	80
13	2	1	4	80
14	2	1	8	80
15	2	1	8	80
16	2	1	8	80
17	2	1	16	80
18	2	1	16	80
19	2	1	16	80
20	2	1	32	80
21	2	1	32	80
22	2	1	32	80
23	2	1	64	80
24	2	1	64	80
25	2	1	64	80
26	2	1	128	80
systeam (' systeam (' systeam ('	systeam ('	systeam ("PAUSE")		systeam ("

TASK 2:

```
#include <stdio.h>

#include<stdlib.h>

int main (void)

{

 int exp,base;

 int product=1,i;

 printf("Enter integer base and exponent: ");// don't forget semicolon

 scanf("%d%d", &base,&exp);

 for (i=1;i<=exp;i++)/* if "i" do not increase in loop,loop goes ferevers

 and must be "i<=exp"*/

 {

 product *= base;

 }

 printf ("%d to the power %d is: %d\n",base,exp,product);

 system("PAUSE");

 return 0;
```

F7 hit	"exp"	"base"	"product"
1	0	0	1
2	5	3	1
3	5	3	1
4	5	3	3
5	5	3	3
6	5	3	9
7	5	3	9
8	5	3	27
9	5	3	27
10	5	3	81
11	5	3	81
12	5	3	243
13	5	3	243

```
}
```