

Department of Computer Science
CSC215 – Procedural Programming
Lab 3. Functions and Loops

1. Write a program that has the following functions:
 - a. The function "int FindSquare(int n)"
This function takes an integer as a parameter and return it's square (e.g. $4^2 = 16$).
 - b. The function "int FindCube(int n)"
This function takes an integer as a parameter and return it's cube (e.g. $2^3 = 8$).
 - c. The main function "void main()"
This function uses the previous functions "FindSquare" and "FindCube" to print the squares and cubes of the numbers from 0 to 10 and uses tabs to print the following table of values:

Numbers	Square	Cube
0	0	0
1	1	1
2	4	8
3	9	27
4	16	64
5	25	125
6	36	216
7	49	343
8	64	512
9	81	729
10	100	1000

2. Compile and run your program:

```
gcc -o lab3 lab3.c  
./lab3
```

3. Show the program to your lab instructor before you leave. (You will not receive full grade for the lab unless you show your work at the end of the lab).