

Gebze Institute of Technology
Department of Computer Engineering

CSE 241
Object Oriented Programming
Fall 2011
Homework # 2
Your First C++ Program
Due date Oct 22nd 2011

Write a C++ program that asks the user to enter a string. Your program then prints the string in a spiral form. An example run for your program is below

Enter the string

ABCDEFGHIJKLMNOPQRSTUVWXYZ

Your spiral string is

```
W U V Y Z
T G H I J
S F A B K
R E D C L
Q P O N M
```

The string can be any length, so your spiral matrix size should be adjusted accordingly.

Notes:

- Do not use any functions from the standard C library (like `printf`)
- Use only loops and variables, do not use arrays, structs, etc.
- Your program should have only one function (main) and no classes.
- Do not forget to indent your code and provide comments.
- Test your programs very carefully and submit the test results too.
- You should email your homework to the TA.