

Rot-7 code.

You might be familiar with the Rot-13 code which is used on bulletin boards and many other places. Well this isn't that. This is the Rot-7 code, which uses the following encoding:

```
Plain:   ABCDEFGHIJKLMNOPQRSTUVWXYZ
Encoded: HIJKLMNOPQRSTUVWXYZ[\]^_`a
```

Given an encoded message, it is your mission to decode it. The message is placed in a file named **Secret.txt** and is ten characters long. (No spaces or anything, just text.) The word is in all capital letters. Once you have decrypted the word, write the plain text out to a file named **Message.txt**. Don't change the name of the input or output files, or your program won't work on the upload site.

Remember that it is legal to subtract numbers from characters so something like this will work.

```
char MyChar;
cin>>MyChar;
MyChar -= 7;
Cout<<MyChar;
```

You might want to use `cin.get(MyChar)` instead of `cin>>MyChar`.

A flowchart is required for this program, and it is due Thursday Sept 13th.