Name your program `hw6.cpp`. Program must be able to compile or you will NOT get any point for the assignment.

Write one single complete C++ program to do all two sections below:

**Part A:** (from pract3.pdf)
Write a function called `smallCol` that calculates and returns the smallest possible sum of entries of any column in a 2-dimensional array.
For example, a program that uses the function `smallCol` follows.

```cpp
int main() {
    int x[2][3] = {{3, 1, 4}, {1, 5, 9}};
    cout << "Smallest column sum = " << smallCol (x, 2, 3) << endl;
    // from the 2-d array x that has size 2 x 3, find the smallest col sum
    // output will be 4 since col#0 contains 3 and 1 is smallest.
    return 0;
}
```

**Part B:**
Write 3 functions:
- **toUpperCase** converts all the characters in the given String to upper case.
  Note: Do not use toupper or tolower functions. Refer to Dr. Ryba's code from: [http://venus.cs.qc.edu/~ryba/cs111/Ch7/charArith.cpp](http://venus.cs.qc.edu/~ryba/cs111/Ch7/charArith.cpp)
- **toLowerCase** converts all the characters in the given String to lower case.
- **equals** determines if both string are the same.

Program asks user to input two strings in main ().
Then, it will display them in uppercase and lowercase values.
Finally, it will check and see if both strings are equal.

**Sample I/O #1**
Please enter two words: hello hello
Words in uppercase: HELLO HELLO
Words in lowercase: hello hello
Both strings are equal.

**Sample I/O #2**
Please enter two words: Hello hellO
Words in uppercase: HELLO HELLO
Words in lowercase: hello hello
The input strings are different.

**Sample I/O #3**
Please enter two words: 333 333
Words in uppercase: 333 333
Words in lowercase: 333 333
Both strings are equal.