

# Lab 3

1, write a program, let user type in two integers (stored in int variable val1 and val2) and print out the maximum number and minimum number of them.

(You must use if statement to solve this problem).

PS: the output should be complete:

eg:

please enter val1 : 1

please enter val2: 2

the maximum number is 2

the minimum number is 1.

2, Write a program to convert an integer input to Roman numeral (only for 1,2,3,4,5).

**Requirement:** You must use an int variable to store the integer input and use a string variable to store the roman numeral. (You must use switch statement to solve this problem).

And in order to cout string, at the beginning of your program, add a new include command:

```
#include<string>
```

Integer - Roman relation: 1-I, 2-II, 3-III, 4-IV, 5-V

The output should be complete, means you should also think of the situation that the input is not in range 1-5.

Your output should look like this:

Enter your number: 5

The roman numeral is V

Or

Enter your number: 9

Out of range