



## SHEET 1

1. Write a C++ Program to Reverse an Integer entered by the user.

Sample Run:

Enter your numbers:

5397

Output:

Reversed number is 7935

2. Write a c++ program that asks the user to enter 2 sentences  
(**without spaces between words**) then the program should display  
which sentence is longer or the length of the two sentences are  
equal.  
(**hint**: use char datatype and while loops)

Sample Run:

Enter first sentence: Welcome\_To\_C++\_World!

Enter second sentence: SP\_Course.

Output: First sentence is longer than second one.





3. Write a c++ program that takes a list of N positive numbers from the user and then display the min and max.

Sample Run:

Enter N: 5

Enter Numbers:

10

3

50

88

6

Output:

The max is 88 and The min is 3

4. Write C++ program that prints all numbers from 0 to 19 that are not divisible by 4. (**hint: use Continue**)
5. Write a program that accepts numbers from the user and then tells the maximum two numbers of them. The results should be displayed when the user enters a negative number. (**hint: use Break**)

Enter numbers (less than 0 to end): 5

33

7

53

52

14

12

45

-1

The maximum two numbers are 53 and 52.





6. Write a program that repeatedly collects positive integers from the user, stopping when the user enters a negative number or zero. After that, output the product of all positive entries.

```
Enter a number: 3
Enter a number: 10
Enter a number: 2
Enter a number: -13
The product of all your positive numbers is 60.
```

7. Write a program that accepts from the user a list of positive integers and displays the number of even and odd values in the list. The program accepts numbers from the user until he enters a negative value.

```
Enter the numbers:
1
6
3
4
8
-1
The number of even values = 3
The number of odd values = 2
```

