PROGRAMS

1. Write a program that reads three edges for a triangle and computes the perimeter *if the input is valid*. Otherwise, display that the input is invalid. Remember that according to the well-known, one side of the triangle can't be smaller than pair of other two sides of the triangle. The input is valid if the sum of every pair of two edges is greater than the remaining edge. Here is a sample run:

```
Enter the 1st edge: 1
Enter the 2nd edge: 1
Enter the 3rd edge: 1
The perimeter is 3
```

```
Enter the 1st edge: 2
Enter the 2nd edge: 6
Enter the 3rd edge: 3
The input is invalid.
```

2. Write a program that prompts the user to enter a number within the range of 1 through 10. The program should display the Roman numeral version of the given number. If the number is outside the range of 1 through 10, the program should display an error message. The following table shows the Roman numerals for the numbers 1 through 10:

Number	Roman Numeral
1	I
2	II
3	III
4	IV
5	V
6	VI
7	VII
8	VIII
9	IX
10	X