

Switch It Up

OBJECTIVE: Write a program that asks the user to enter a number within the range of 1 through 10. Use a switch statement to display the Roman Numeral version of that number.

Input Validation: Do not accept a number less than 1 or greater than 10.

```
Enter a number between 1 and 10:
4
The roman numeral version of 4 is: IV
```

```
Enter a number between 1 and 10:
0
Invalid Input.
```

GRADING: (30 points total)

<u>Points</u>	<u>Objective</u>
2	Empty shell – Program compiles and runs without any errors.
10	When user inputs a number, the program displays that number in roman numeral form. Program does not use a switch statement.
15	When user inputs a number, the program displays that number in roman numeral form, but also “waterfalls” meaning it displays other numbers in roman numeral form. Program uses a switch statement.
28	When user inputs a number, the program displays that number in roman numeral form, but has at least one mistake. Program uses a switch statement.
30	When user inputs a number, the program displays that number in roman numeral form correctly as shown in the examples. Program uses a switch statement.