

1. Write a program to print the type(category) of user supplied char from stdin. The categories are Numeric/Uppercase/lowercase/spl char.

2. Write a program to Convert temperature from °C to °F or vice versa. Your program should show the output as given below.

./a.out

1.for centigrade to farenhit

2. for farenhit to centigrade

Enter your choice: 1

Enter temperature in celcius: 37

37° C = 98.6 °F

3. Write a program to find the highest of three integers.

Note: If two are equal and higher than the third or all the three variables are equal , appropriate result should print on screen.

4. Write a program to test the status of a bit in a supplied integer.

NOTE: user should supply the integer data and bit-position to test

5. Write a program to set/clear/toggle the supplied bit in a supplied integer.

6. Write a program to swap the two integers.

i)without using third(temporary) variable

ii) you can use temporary variable.

7. Convert the case of a supplied alphabet. If user supplied lowercase then convert to uppercase and vice-versa.

8. List the unary operators. Also mention the syntax.

9. List the bitwise operators with syntax.

10. Draw flow diagram of the following expressions.

i) A?B?C?D:E:F;G;

ii) A?B:C?D:E?F;G;

iii) A?B?C:D?E:F;G;

NOTE: Try to complete all the above programs without if..else.

Use conditional operator for decision making.