Assignment of Subjective questions

1. Write a C program to input week number(1-7) and print day of week name using switch case.

Example

Input

Input week number(1-7): 2

Output

Tuesday

2. Write a C program to input month number and print total number of days in month using switch...case.

Example

Input

Input month number: 3

Output

Total number of days = 31

3. Write a C program to input an alphabet and check whether it is vowel or consonant using switch case.

Example

Input

Input alphabet: c

Output

'c' is consonant

4. Write a C program to input two numbers from user and find maximum between two numbers using switch case.

Example

Input

Input first number: 12

Input second number: 40

Output

Maximum: 40

5. Write a C program to input number from user and check whether the number is even or odd using switch case.

Example

Input

Input number: 12

Output

Even number

6. Write a C program to input a number and check positive negative or zero using switch case.it is not recommended way, it's just for learning.

Example

Input

Input number: 23

Output

23 is positive

7. Write a C program to find all roots of a Quadratic equation using switch case.

Example

Input

Input a: 4

Input b: -2

Input c: -10

Output

Root1: 1.85

Root2: -1.35

8. Write a C program to create menu driven calculator that performs basic arithmetic operations (add, subtract, multiply and divide) using switch case and functions. The calculator should input two numbers and an operator from user. It should perform operation according to the operator entered and must take input in given format.

<number 1> <operator> <number 2>

Example

Input

5.2 - 3

Output

2.2

9. Write a C program to input sides of a triangle and check whether a triangle is equilateral, scalene or isosceles triangle using if else.

Example

Input

Input first side: 30

Input second side: 30

Input third side: 30

Output

Triangle is equilateral triangle

10. Write a C program to find all roots of a quadratic equation using if else.

Example

Input

Input a: 8

Input b: -4

Input c: -2

Output

Root1: 0.80

Root2: -0.30