

Aim:

Write a **C** program to display month name according to the month number using switch case statement.

Note: If the given input number is not in the range i.e., other than **1** to **12**, the output should be as "Invalid month number"

Source Code:**DisplayMonth.c**

```
#include<stdio.h>
int main(){
    int n;
    printf("Enter month number : ");
    scanf("%d", &n);
    switch (n)
    {
        case 1 :
            printf("January\n");
            break;
        case 2 :
            printf("February\n");
            break;
        case 3 :
            printf("March\n");
            break;
        case 4 :
            printf("April\n");
            break;
        case 5 :
            printf("May\n");
            break;
        case 6 :
            printf("June\n");
            break;
        case 7 :
            printf("July\n");
            break;
        case 8 :
            printf("August\n");
            break;
        case 9 :
            printf("September\n");
            break;
        case 10 :
            printf("October\n");
            break;
        case 11 :
            printf("November\n");
            break;
        case 12 :
            printf("December\n");
            break;
```

```

        default :

        printf("Invalid month number\n");
    }
}

```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter month number : 1
January

Test Case - 2
User Output
Enter month number : 11
November

Test Case - 3
User Output
Enter month number : 13
Invalid month number

Test Case - 4
User Output
Enter month number : 9
September

Test Case - 5
User Output
Enter month number : 4
April

Test Case - 6
User Output
Enter month number : 2
February

Test Case - 7
User Output
Enter month number : 8
August

Test Case - 8
User Output
Enter month number : 6
June

Test Case - 9
User Output
Enter month number : 12
December

Test Case - 10
User Output
Enter month number : 0
Invalid month number

Test Case - 11
User Output
Enter month number : 7
July