

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