

# Name-Akarsh Mishra ||MCA Ist year –B

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## Practical 3:program to implement switch-case statement

**Q1-WAP to read two numbers and an operator(+,-,\*,/)which performs the specified operation and display the result.**

```
#include<stdio.h>
#include<conio.h>
#include<math.h>
int main()
{
    int a,b;
    char ch;
    printf("enter the value of a and b: ");
    scanf("%d%d",&a,&b);
    printf("enter the operator: ");
    scanf("%c",&ch);
    switch(ch)
    {
        case '+':
            printf("Add: %d",a+b);
            break;
        case '-':
            printf("Sub: %d",a-b);
            break;
        case '*':
            printf("Mult: %d",a*b);
            break;
        case '/':
            printf("Div: %d",a/b);
            break;

        default:
            printf("thank u");
    }
    return 0;
}
```

**Q2-WAP to display the color name according to the code entered.the coding scheme is as follows**

**1: "RED"**

**2: "GREEN"**

**3:"WHITE"**

**4:"YELLOW"**

**5:"ORANGE"**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int n;
    printf("enter the code: ");
    scanf("%d",&n);
    switch(n)
    {
        case 1:
            printf("RED");
            break;
        case 2:
            printf("GREEN");
            break;
        case 3:
            printf("WHITE");
            break;
        case 4:
            printf("YELLOW");
            break;
        case 5:
            printf("ORANGE");
            break;
        default:
            printf("thank u");
    }
    return 0;
}
```

**Q3-User is going to enter a value from 1 to 12.month name should be displayed according like 1-JANUARY,2-FEBRUARY etc.WAP for the same.**

```
#include<stdio.h>
#include<conio.h>
int main()
```

```
{
    int n;
    printf("enter the code: ");
    scanf("%d",&n);
    switch(n)
    {
    case 1:
        printf("JANUARY");
        break;
    case 2:
        printf("FEBRUARY");
        break;
    case 3:
        printf("MARCH");
        break;
    case 4:
        printf("APRIL");
        break;
    case 5:
        printf("MAY");
        break;
    case 6:
        printf("JUNE");
        break;
    case 7:
        printf("JULY");
        break;
    case 8:
        printf("AUGUST");
        break;
    case 9:
        printf("SEPTEMBER");
        break;
    case 10:
        printf("OCTOBER");
        break;
    case 11:
        printf("NOVEMBER");
        break;
    case 12:
        printf("DECEMBER");
        break;
    default:
        printf("thank u");
    }
    return 0;
}
```

**Q4-User is going to enter a value from 1 to 7 day of the week should be displayed according like 1-MONDAY,2-TUESDAY etc.WAP for the same.**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int n;
    printf("enter the code: ");
    scanf("%d",&n);
    switch(n)
    {
        case 1:
            printf("MONDAY");
            break;
        case 2:
            printf("TUESDAY");
            break;
        case 3:
            printf("WEDNESDAY");
            break;
        case 4:
            printf("THURSDAY");
            break;
        case 5:
            printf("FRIDAY");
            break;
        case 6:
            printf("SATURDAY");
            break;
        case 7:
            printf("SUNDAY");
            break;
        default:
            printf("thank u");
    }
    return 0;
}
```