

SWITCH PROGRAMS

```
#include <stdio.h>

int main()
{
    int ch;
    printf("enter user choice");
    scanf("%d",&ch);
    switch(ch)
    {
        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("invalid user choice");
    }
    return 0;
}
```

```
#include <stdio.h>

int main()
```

```
{  
    int month;  
    printf("enter a month");  
    scanf("%d",&month);  
    switch(month)  
    {  
        case 1:printf("31 days in january");  
            break;  
        case 2:printf("28 days in februray");  
            break;  
        case 3:printf("31 days in march");  
            break;  
        case 4:printf("30 days in april");  
            break;  
        case 5:printf("31 days in may");  
            break;  
        case 6:printf("30 days in june");  
            break;  
        case 7:printf("31 days in july");  
            break;  
        case 8:printf("31 days in august");  
            break;  
        case 9:printf("30 days in september");  
            break;  
        case 10:printf("31 days in october");  
            break;  
        case 11:printf("30 days in november");  
            break;  
        case 12:printf("31 days in december");  
            break;  
        default: printf("invalid month values");  
    }
```

```
}  
return 0;  
}
```

```
#include <stdio.h>
```

```
int main()  
{  
    int num;  
    printf("enter the number");  
    scanf("%d",&num);  
    switch(num%2==0)  
    {  
        case 0:  
            printf("%d is an odd number",num);  
            break;  
        case 1:  
            printf("%d is an even number",num);  
            break;  
    }  
}
```

```
#include<stdio.h>
```

```
int main()  
{  
    int a,b;  
    printf("enter two number");  
    scanf("%d%d",&a,&b);  
    switch(a>b)  
    {  
        case 0:  
            printf("%d is maximum",b);
```

```
        break;

        case 1:

            printf("%d is maximum",a);

            break;

    }

}
```

```
#include <stdio.h>

int main()

{

    char ch;

    printf("enter a alphabet");

    scanf("%c",&ch);

    switch(ch)

    {

        case 'a':

        case 'e':

        case 'i':

        case 'o':

        case 'u':

        case 'A':

        case 'E':

        case 'I':

        case 'O':

        case 'U':

            printf("%c is vowel",ch);

            break;

        default:

            printf("%c is consonant",ch);

            return 0;

    }

}
```

```
}  
}
```

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int n;
```

```
    scanf("%d",&n);
```

```
    printf("enter a number\n");
```

```
    switch(n>0)
```

```
    {
```

```
        case 1:printf("no is positive");
```

```
        break;
```

```
        case 0:
```

```
            switch(n<0)
```

```
            {
```

```
                case 1:printf("no is negative");
```

```
                break;
```

```
                case 0:printf("no is zero");
```

```
                break;
```

```
            }
```

```
        }
```

```
    return 0;
```

```
}
```

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int a,b,ch;
```

```
    printf("enter a first number");
```

```
scanf("%d",&a);
printf("enter your operation\n");
scanf("%d",&ch);
printf("enter a second number\n");
scanf("%d",&b);
switch(ch)
{
    case 1:
        printf("output%d",a+b);
        break;
    case 2:
        printf("output%d",a-b);
        break;
    case 3:
        printf("output%d",a*b);
        break;
    case 4:
        printf("output%d",a/b);
        break;
    default:printf("invalid operation");
        break;
}
return 0;
}
```