

```
switch_1.c

1 #include <stdio.h>
2
3 // This program demonstrates the use of a switch statement in C.
4
5 int main() {
6     int number;
7
8     printf("Enter an integer between 1 and 5: ");
9     scanf("%d", &number);
10
11    switch (number) {
12        case 1:
13            printf("You entered One.\n");
14            break;
15        case 2:
16            printf("You entered Two.\n");
17            break;
18        case 3:
19            printf("You entered Three.\n");
20            break;
21        case 4:
22            printf("You entered Four.\n");
23            break;
24        case 5:
25            printf("You entered Five.\n");
26            break;
27        default:
28            printf("Invalid input! Please enter a number between 1 and 5.\n");
29            break;
30    }
31
32    return 0;
33 }
34
35 /**
36 * write the above code using if-else statements instead of switch-case.
37 */
38
39 /*
40
41 #include <stdio.h>
42
43 int main() {
44     int number;
45
46     printf("Enter an integer between 1 and 5: ");
47     scanf("%d", &number);
48
49     if (number == 1) {
50         printf("You entered One.\n");
51     } else if (number == 2) {
```

```
52     printf("You entered Two.\n");
53 } else if (number == 3) {
54     printf("You entered Three.\n");
55 } else if (number == 4) {
56     printf("You entered Four.\n");
57 } else if (number == 5) {
58     printf("You entered Five.\n");
59 } else {
60     printf("Invalid input! Please enter a number between 1 and 5.\n");
61 }
62
63 return 0;
64 }
65 */
```