



main.c

Output



```
4- int main() {
5     int day;
6     printf("Enter day number(1-7):");
7     scanf("%d",&day);
8-     switch(day){
9         case1:
10            printf("Sunday ");
11            break;
12        case2:
13            printf("Monday ");
14            break;
15        case3:
16            printf("Tuesday ");
17            break;
18        case4:
19            printf("Wednesday ");
20            break;
21        case5:
22            printf("Thursday ");
23            break;
24        case6:
25            printf("Friday ");
26            break;
27        case7:
28            printf("Saturday ");
29            break;
30        default:
31            printf("Invalid day number!
                Please enter 1-7");
32    }
33
34    return 0;
35 }
```

Run



**Programiz**

C Online Compiler

Programiz PRO

main.c

Output



```
Enter day number(1-7):6
```

```
Invalid day number! Please enter 1-7
```

```
=== Code Execution Successful ===
```

main.c

Output



```
1 // Online C compiler to run C program
  online
2 #include <stdio.h>
3
4 int main() {
5     int num;
6     printf("Enter a number:");
7     scanf("%d",&num);
8     if (num<10)
9     {
10         printf("one digit");
11     }
12
13     return 0;
14 }
```

Run



**Programiz**

C Online Compiler

Programiz PRO

main.c

Output



```
Enter a number:4  
one digit
```

```
=== Code Execution Successful ===
```



main.c

Output



```
1 // Online C compiler to run C program
  online
2 #include <stdio.h>
3
4 int main() {
5     int num;
6     printf("Enter a number:");
7     scanf("%d",&num);
8     if(num>=10&&num<100){
9         printf("two digit");
10    }else{
11        printf("not two digit");
12    }
13
14    return 0;
15 }
```

Run



**Programiz**

C Online Compiler

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main.c

Output



```
Enter a number:24
```

```
two digit
```

```
=== Code Execution Successful ===
```



main.c

Output



```
1 // Online C compiler to run C program
   online
2 #include <stdio.h>
3
4 int main() {
5     int year;
6     printf("Enter a year:");
7     scanf("%d",&year);
8     if((year%400==0)|| (year%4==0&&
        year%100!=0))
9         printf("%d is a leap year\n",year);
10    else
11        printf("%d is not a leap year\n",year);
12    return 0;
13 }
```

Run



**Programiz**

C Online Compiler

Programiz PRO

main.c

Output



```
Enter a year:2026
2026 is not a leap year
```

```
=== Code Execution Successful ===
```





main.c

Output



```
1 // Online C compiler to run C program
   online
2 #include <stdio.h>
3
4 int main() {
5     char ch;
6     printf("Enter a character:");
7     scanf("%c",&ch);
8     if((ch >='A' && ch <='Z') || (ch >='a' &&
        ch <='z'))
9         printf("Alphabet\n");
10    else if(ch >='0' && ch <='9')
11        printf("Digit\n");
12    else
13        printf("Special character\n");
14    return 0;
15 }
```

Run



**Programiz**

C Online Compiler

Programiz PRO

main.c

Output



Enter a character:s

Alphabet

=== Code Execution Successful ===



main.c

Output



```
1 // Online C compiler to run C program
  online
2 #include <stdio.h>
3
4 int main() {
5     char ch;
6     printf("Enter a character:");
7     scanf("%c",&ch);
8     if(ch=='a' || ch=='e' || ch=='i' || ch
        == 'o' || ch=='u' ||
9         ch=='A' || ch=='E' || ch=='I' || ch=='O' || ch
            == 'U')
10         printf("Vowel\n");
11     else
12         printf("Constant\n");
13
14     return 0;
15 }
```

Run



**Programiz**

C Online Compiler

Programiz PRO

main.c

Output



```
Enter a character:5
```

```
Constant
```

```
=== Code Execution Successful ===
```