CT - 1

1. Write a C program to input a number and check positive, negative or zero using switch case.

```
#include<stdio.h>
 1
 2
 3
       int main()
     □ {
 4
 5
            int n;
 6
           printf("Enter a number: ");
 7
            scanf("%d", &n);
 8
            switch (n > 0)
 9
10
            case 1:
                printf("Positive Number");
11
12
                break;
13
            case 0:
14
                switch (n < 0)
15
16
                case 1:
17
                    printf("Negative Number");
18
                    break;
19
                case 0:
                    printf("Zero");
20
21
                    break;
22
                }
23
24
            return 0;
25
       }
```

2. Write a C program to check whether a number is divisible by 5 and 11 or not using if else.

```
1
       #include<stdio.h>
2
3
       int main()
4
5
           int n;
 6
           printf("Enter a number: ");
7
           scanf("%d", &n);
           if (n % 5 == 0 && n % 11 == 0) {
8
9
               printf("Divisible");
10
11
           else {
12
               printf("Not Divisible");
13
14
           return 0;
15
16
```