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

```c
#include<stdio.h>

int main()
{
    int n;
    printf("Enter a number: ");
    scanf("%d", &n);
    switch (n > 0)
    {
    case 1:
        printf("Positive Number");
        break;
    case 0:
        switch (n < 0)
        {
    case 1:
        printf("Negative Number");
        break;
    case 0:
        printf("Zero");
        break;
        }
    }
    return 0;
}
```

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

```c
#include<stdio.h>

int main()
{
    int n;
    printf("Enter a number: ");
    scanf("%d", &n);
    if ( n % 5 == 0 && n % 11 == 0) {
        printf("Divisible");
    }
    else {
        printf("Not Divisible");
    }
    return 0;
}
```