Problem24: Count no. of boys and girls in a class of 50 student using sex code.

Code:

```c
#include <stdio.h>

int main() {
    int i, boys = 0, girls = 0;
    char sex;

    printf("Enter sex code for 50 students (M for boy, F for girl):\n");

    for(i = 1; i <= 50; i++) {
        printf("Student %d: ", i);
        scanf(" %c", &sex);

        if(sex == 'M')
            boys++;
        else if(sex == 'F')
            girls++;
        else {
```

```c
            printf("Invalid code! Please enter M or
F.\n");
            i--;
        }
    }

    printf("Total Boys = %d\n", boys);
    printf("Total Girls = %d\n", girls);

    return 0;
}
```

Output:

Enter 50 sex codes and get no. of boys and
girls in a class