Exercise 1 – *Accept the Roll No, Name and Stream of 'N' no. of students and print the rollno. , and name of all the students in tabular form and also print total number of students studying in "CSE". An example would be as follows:*

```
Enter no. of students: 3

Rl. No. : 10
Name: X
Stream: CSE

Rl. No. : 20
Name: Y
Stream: IT

Rl. No. : 30
Name: Z
Stream: CSE

Rl. No.          Name            Stream

10               X               CSE

20               Y               IT

30               Z               CSE

Total number of students in ''CSE'' = 2
```

Program –

```
#include <stdio.h>
#include <string.h>
struct student
{
      char name[50], stream[50];
      int roll;
} s[100];

int main()
{
      int i,n,CSE,CSEc=0,cse;
      printf("Enter no. of students: ");
      scanf("%d",&n);
      printf("\n");

      // storing information
      for (i=0;i<n;++i)
      {
            printf("Rl. No. : ");
            scanf("%d",&s[i].roll);
```

```
            printf("Name: ");
            scanf("%s", &s[i].name);
            printf("Stream: ");
            scanf("%s", &s[i].stream);
            printf("\n");
            CSE = strcmp(s[i].stream, "CSE");
            cse = strcmp(s[i].stream, "cse");
            if (cse==0 || CSE==0)
            {
                  CSEc += 1;
            }
      }

      // displaying information
      printf("Rl. No.\t\t Name\t\t Stream\n");
      for (i=0; i<n; i++)
      {
            printf("\n%d\t\t %s\t\t %s\n",s[i].roll,s[i].name,s[
      i].stream);
      }
      printf("\nTotal number of students in ''CSE'' = %d",CSEc)
;
      return 0;
}
```

Output –

```
Enter no. of students: 3

Rl. No. : 10
Name: X
Stream: CSE

Rl. No. : 20
Name: Y
Stream: IT

Rl. No. : 30
Name: Z
Stream: CSE

Rl. No.          Name            Stream

10               X               CSE

20               Y               IT

30               Z               CSE

Total number of students in ''CSE'' = 2
```