7. Write a C program to count the number of students registered for three elective courses. Accept the names of n students, their choice of the elective (say, the electives Courses offered are Internet of things, Advanced Java and J255 and Advanced Data Structures.).

```
# Include <stalo. h>
   Struct Course
      char name [30];
    int main ()
     Struct course s[3][100];
      int 1, n, j, c[3] = 20, 0, 03, choice;
     Char cn[3][10] = {" IOT", "JAVA", "DS"};
      print (" Enter the number of students: \n");
      scanf (" of d", kn);
       frint ("Enter Student details: \n");
       box (i=0; 1<n', i++)
        brint ["select your choice: In1 Internet of
                things In 2. Advanced Java and
                JZEE M3. Advanced Data Structure In
       Scanf ("1.d", Kchoice);
        If (Choice < 0 11 choice>3)
          prints ("Invalid choice (n");
           Continue;
          prints ("Enter the name of the Student 1.d'n", it)
          Scary ("1.54, &s [choice-1][c [choice-1]].name)
            c [choice - 1]++;
```

```
dep:
         Eprint ("List of students of course 1.8:1",
                   cn[i]in
          boa(j=0;j<c(i);j++)
            Epring (1.d 1.5 m", j+1,50;3(j].name),
        print ("Number of students in the course
                  1.5 is 1.dn, cnci3, J);
     for (i=0', i < 3', i++)
       9 if (cci] < 3 88 cci]!=-1)
          frint ("Number of people are less than
       3 in the Course 105, so the students in
         Course 1.5 please Change the course: In y
           cn[i], cn(i3);
         for cj=0; j< cci]; j++)
          E print ("Enter your choice In");
scanf ("1.d", &choice);
```

```
if (choice = = = iH)

Spring ("Enter other course)
      Continue;
     prints ("Enter name: (n");
Scarf ("1.5", bs(choice-1)[;
c(choice-1]++;
      n = c[i];
      c[i]=-1,
       go to disp;
Jestwan D',
```