```c
7)  #include <stdio.h>
    #include <string.h>
    struct    Student
    {
        char    name[20];
        int    choice;
    } s[10];

    void    main()
    {
        int    i, n, c1=0; c2=0; c3=0; c4=0;
        printf(" Enter    no. of    students : \n");
        scanf(" %d", &n);
        for(i=0; i<n; i++)
        {
            printf(" Enter    name : \n");
            scanf(" %s", &s[i].name);
            printf(" Select    your    preferred    choice : \n");
            printf(" 1- IOT \t 2- Advanced    Java \t 3-J2EE \t
                4- Advanced    DS \n"));
            scanf(" %d", &s[i].choice);
        }
        printf(" \n \n");
```

```c
printf ("students enrolled in IOT :\n");
for (i=0; i<n; i++)
{
    if (s[i].choice == 1)
    {
        printf (" %s \n", s[i].name);
        cl++; }
}
printf (" No. of students enrolled in elective. IOT.
        %d \n", cl);
if (cl < 3)
{
    printf (" This course will not be streamed as
    total count is less than 3 \n");
    for (i=0; i<n; i++)
    {
        if (s[i].choice == 1)
        {
            printf (" Please select other elective: \n");
            printf (" choose available electives \n");
            scanf ("%d", &s[i].choice ); }
    }
}
```

```c
printf(" Students enrolled in Advanced Java\n");
for (i=0; i<n; i++)
{
    if (s[i].choice ==2)
    {    printf("%s \n", s[i].name);
        c2++;   }
}
printf(" No. of students enrolled in elective:
Advanced Java : %d\n", c2);
if (c2< 3)
{
    printf("This course    will not be streamed as total
        count    is    less than    3\n");
    for (i=0; i<n; i++)
    {
        if (s[i].choice ==2)
        {    printf(" Please select other electives: \n");
            printf(" Choose available electives \n");
            scanf("%d", &s[i].choice);   }
    }
}
```

```c
printf ("Students enrolled in J2EE:\n");
for (i = 0; i<n; i++)
{
    if (CS [i]. choice == 3)
    { printf (" %s \n" , s[i].name );
      c3++; }
}
printf (" No. of students enrolled in elective:
J2EE : %d \n\n", c3);
if (c3 <3)
{

    printf (" This course will not be streamed as
    total count is less than 3 \n");
    for (i=0; i<n; i++)
    {
    if (s[i]. choice == 3)
    { printf (" Please select other electives :\n");
      printf (" Choose available electives \n");
      scanf (" %d", & s[i].choice ); }
    }
```

```c
printf("Students enrolled in Advanced DS \n");
for (i=0; i<n; i++)
{
    if (s[i].choice == 4)
    {       printf(" %s \n ", s[i].name);
            c4++; }
}
printf(" No. of students enrolled in elective:
    Advanced        DS: %d \n", c4);
if (c4<3)
{
    printf(" This course shall not be streamed
    total count    is    less    than 3 \n");
    for (i=0; i<n; i++)
    {
        if (s[i].choice == 4)
        {
            printf(" Please select other elections:\
            printf(" Choose available elections \n");
            scanf(" %d ", &s[i].choice); }
    }
}
}
```