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#include <stdio.h>
struct wishlist
{
   char faculty[50];
   char course[50];
   char student[10][50];
}s1[5];
void courseAllocation();
void facculty Allocation();
void display();
int main()
{
   struct wishlist ob[5];
   for(int i=0;i<5;i++)
   {
      printf("Enter Subject ");
      scanf(ob[i].course);
      printf("Enter faculty ");
      scanf(ob[i].faculty);
   }
   int n[5];
   do
   {
      printf("Select your course and faculty \n");
      for(int i=0;i<5;i++)
        printf("%d for    %s  -   %s\n",(i+1),ob[i].course,ob[i].course);
      printf("Enter 0 to exit");
      int ch;
      scanf("%d",&ch);
      switch(ch)
     {
        case 1:
        if(n[0]<=10)
        {
        printf("%s  -   %s\n",ob[ch-1].course,ob[ch-1].course);
        printf("Enter Name ");
        scanf("%s",ob[ch-1].student[ch-1]);
        n[0]++;
        }
        else
        printf("Maximum limit of 10 students reached.Please register for other courses\n");
        continue;
        case 2:
        if(n[1]<=10)
        {
        printf("%s  -   %s\n",ob[ch-1].course,ob[ch-1].course);
        printf("Enter Name ");
        scanf("%s",ob[ch-1].student[ch-1]);
        n[1]++;
        }
        else
        printf("Maximum limit of 10 students reached.Please register for other courses\n");
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        continue;
        case 3:
        if(n[2]<=10)
        {
        printf("%s  -   %s\n",ob[ch-1].course,ob[ch-1].course);
        printf("Enter Name ");
        scanf("%s",ob[ch-1].student[ch-1]);
        n[2]++;
        }
        else
        printf("Maximum limit of 10 students reached.Please register for other courses\n");
        continue;
        case 4:
        if(n[3]<=10)
        {
        printf("%s  -   %s\n",ob[ch-1].course,ob[ch-1].course);
        printf("Enter Name ");
        scanf("%s",ob[ch-1].student[ch-1]);
        n[3]++;
        }
        else
        printf("Maximum limit of 10 students reached.Please register for other courses\n");
        continue;
        case 5:
        if(n[4]<=10)
        {
        printf("%s  -   %s\n",ob[ch-1].course,ob[ch-1].course);
        printf("Enter Name ");
        scanf("%s",ob[ch-1].student[ch-1]);
        n[4]++;
        }
        else
        printf("Maximum limit of 10 students reached.Please register for other courses\n");
        continue;
        default:continue;
      }
   }while(ch!=0);
}
```