~~Computer~~

Program 1

```
#include <stdio.h>

struct Student {
    float age;
    int id;
    float marks;
} students[100];

typedef struct Student student;

void input (int i)
{
  student s;
  printf ("Enter the age of the
  student : \n");
  scanf ("%f", &(s.age));
  printf ("Enter the student's id: \n
  scanf ("%d", &(s.id));
  printf ("Enter the marks of the
  student : \n");
  scanf ("%f", &(s.marks));
  if ((s.age >20 || (s.marks >=0 && s.ma
  <=100))
  {
    students[i].age = s.age;
```

```
        students[i].id = s.id
        students[i].marks = s.marks;
        printf("Student added successfully
        the database \n");
    }
    else
    {
        printf("\n Invalid entry \n Please
          Re-enter \n");
        input(i);
    }
}

void display(int i)
{
    for(int j=0; j<i; j++)
    {
    printf("\n Student #%d \n id: %d \n
    age : %f \n marks : %f \n", j,
    students[j].id, students[j].age,
    students[j].marks);
    if( students[j].marks >65)
    {
        printf(" Eligible for admission\n");
    }
    else
    {
        printf("Not eligible for admission");
    }
}
```

```
int main()
{
    int ch, i=0;
    while(1)
    {
        printf("\n 1. Input \n 2. Display \n
        3. Exit \n Enter your choice :");
        scanf("%d", &ch);
        switch(ch)
        {
            case 1 : input(i)
            i++;
            break;
            case 2 : display(i);
            break;
            case 3 : return 0;
            default : printf("Invalid
            entry \n");
        }
    }
    return 0;
}
```