```
Hindludeciostream>
#include estring?
using namespace std;
class Student {
      Private:
         string name;
int age;
int roll No;
           Float gpa;
    Public :
       Student();
         Student (String n, inta, intr,
         Flaat 9 = 0.0);
     ~ Student();
         void setName (string n);
void setAge (int a)!
void setRollNo (int r);
           void set GiPA (Floody);
        string getName();
int getAge ();
float getGrPA();
int getRollNo();
void display Info();
void clisplay Grade();
```

```
#include "Student.h"
student: Student() [
  name = "Unknown";
 900 = 0.0:
student: Student (string n, inta,
 int r, float 9) {
   rollNo = T;
   409 = 9;
 Student: ~ Student() [
     cout LC "Destructor all the
  data of student: Liname Liendl;
void Student :: set Name (string n) [
    name = n;
void student: setAge (int a) {
  void Student: set Roll No (intr) [
     rollNo= T;
```

```
void Student: set GIPA (Float 9) 1
 String Student:: get Nome();
  int Student :: getAge() ?
   return age;
int student : getRollNo(){
         return roll No;
    Float Student:: getGPA()[
          return gpo;
    void Student :: display Info(){
    cout L' Name: 1" Liname L' "Age: 1"
   Lage Le "Roll No: 1" Leroll No
   12 " GIPA: 1" LLgpa Llendl;
  void Student : display Grade() ?
    char grade;
     if (9po7=3.7)
        grade = 'A';
    else if (gpa >= 3.0)
grade = 'B';
else if (gpa > 2.0)
       grade = 'C';
```

```
else if (gpa>=1.0)
 grade = 'D';
else
    grade = 'F';
  couter Grade for this
 student is "Liname"; "Ligrade
Lendl:
  Hinclude "Student.h"
   int main (){
   student SI;
  SI. setName ("Mubashir");
S1. set Age (21);
 51. set ROILNO (0020);
  51. set GIPA (3.8);
 51. display Info();
51. display Grade ();
  continend!
student 52 ("Fahad", 22, 003, 2.9);
 52. display Info();
52. display Grade();
    contreends;
```

Student S3 ("Atir, 22, 12);
53. setGPA (1.5);
S3. display Infol);
s3. display Grade();
system ("pause");
return 0;