

```

#include<iostream>
using namespace std;
class student
{
public:
string name;
int regno,mark1,mark2,mark3;
float avg;
void input();
void calculation();
void display();
};
void student::input()
{
cout<<"\n\nENTER THE STUDENT NAME =>";
cin>>name;
cout<<"\nENTER THE REGISTER NUMBER =>";
    cin>>regno;
    cout<<"\nMARK 1 => ";
    cin>>mark1;
    cout<<"\nMARK 2 => ";
    cin>>mark2;
    cout<<"\nMARK 3 => ";
    cin>>mark3;
}
void student::calculation()
{
avg=(mark1+mark2+mark3)/3;
}
void student::display()
{
cout<<"\nAVERAGE SCORE IS => "<<avg;
if(avg>90)
cout<<"\nS GRADE";
if(avg>80 &&avg<90)
cout<<"\nA GRADE";
if(avg>70 &&avg<80)
cout<<"\nC GRADE";
if(avg>60 &&avg<70)
cout<<"\nD GRADE";
if(avg>50 &&avg<60)
cout<<"\nE GRADE";
if(avg<50)
cout<<"\nF GRADE";
}
int main()
{
int number;
student s[20];
cout<<"ENTER THE NUMBER OF STUDENT ENTRIES =>";

```

```
cin>>number;
for(int i=0;i<number;i++)
{
    s[i].input();
    s[i].calculation();
    s[i].display();
}
}
```

ENTER THE NUMBER OF STUDENT ENTRIES =>2

ENTER THE STUDENT NAME =>Magesh

ENTER THE REGISTER NUMBER =>567

MARK 1 => 45

MARK 2 => 65

MARK 3 => 33

AVERAGE SCORE IS => 47  
F GRADE

ENTER THE STUDENT NAME =>Suresh

ENTER THE REGISTER NUMBER =>6788

MARK 1 => 98

MARK 2 => 78

MARK 3 => 87

AVERAGE SCORE IS => 87  
A GRADE