E:\stud++.cpp

```cpp
1   #include<iostream>
2   using namespace std;
3   int main()
4   {
5       int i;
6       float mark, sum=0, avg;
7       cout<<"Enter Marks obtained in 5 Subjects: ";
8       for(i=0; i<5; i++)
9       {
10          cin>>mark;
11          sum = sum+mark;
12      }
13      avg = sum/5;
14      cout<<"\nGrade = ";
15      if(avg>=91 && avg<=100)
16          cout<<"A1";
17      else if(avg>=81 && avg<91)
18          cout<<"A2";
19      else if(avg>=71 && avg<81)
20          cout<<"B1";
21      else if(avg>=61 && avg<71)
22          cout<<"B2";
23      else if(avg>=51 && avg<61)
24          cout<<"C1";
25      else if(avg>=41 && avg<51)
26          cout<<"C2";
27      else if(avg>=33 && avg<41)
28          cout<<"D";
29      else if(avg>=21 && avg<33)
30          cout<<"E1";
31      else if(avg>=0 && avg<21)
32          cout<<"E2";
33      else
34          cout<<"Invalid!";
35      cout<<endl;
36      return 0;
37  }
```