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```
#include <iostream>
using namespace std;
int main(){
    int score,a,
    homework, assignment , mid ,final, class_room;

    char grade;

    cout << "How many time do you want to use? ";
    cin >> a;

    for (int i = 0; i < a; i++){

        do
        {
            cout << "Please Enter your score homework(0-15) : ";
            cin >> homework;
        } while (homework <= 15 || homework >= 0);

        do
        {
            cout << "Please Enter your score assignment(0-15) : ";
            cin >> assignment;
        } while (assignment <= 15 || assignment >= 0);

        do
        {
            cout << "Please Enter your score class room(0-10) : ";
            cin >> class_room;
        } while (class_room <= 10 || class_room >= 0);

        do
        {
            cout << "Please Enter your score mid term(0-30) : ";
            cin >> mid;
        } while (mid <= 30 || mid >= 0);

        do
        {
            cout << "Please Enter your score final term(0-30) : ";
            cin >> final;
        } while (final <= 30 || final >= 0);
```

```
score = homework + assignment + class_room + mid + final;

if (score >= 0 && score <= 100)
{
    if (score <= 59)
    {
        grade = 'F';
    }else if (score <= 69)
    {
        grade = 'D';
    }else if (score <= 79)
    {
        grade = 'C';
    }else if (score <= 89)
    {
        grade = 'B';
    }else if (score >= 90)
    {
        grade = 'A';
    }else{
        cout << "\nError\n";
    }
}else{
    cout << "\nPlease Enter score between 0 - 100\n";
}
cout << "Your score = " << score << endl;
cout << "Grade : " << grade << endl;
}
}
```

```
How many time do you want to use? 2
Please Enter your score homework(0-15) : 20
Please Enter your score homework(0-15) : 15
Please Enter your score assignment(0-15) : 10
Please Enter your score class room(0-10) : 5
Please Enter your score mid term(0-30) : 25
Please Enter your score final term(0-30) : 10
Your score = 65
Grade : D
```

```
Please Enter your score homework(0-15) : 10
Please Enter your score assignment(0-15) : 10
Please Enter your score class room(0-10) : 10
Please Enter your score mid term(0-30) : 10
Please Enter your score final term(0-30) : 10
Your score = 50
Grade : F
```