Problem.

8. Write a program that computers and assess the tuition fee of the students in one trimester, based on the given mode of payment below:

Plan(key) Discount/interest

Cash(1) 10% discount

Two-Installment 5%interest

Three-Installment 10% interest

Sample input/output dialogue:

Enter Tuition Fee: 20000

Enter Mode of Payment: 2

Your total tuition fee is : 21000

Solution.

Code

```cpp
#include <iostream>

using namespace std;

int main() {
    float fee;
    float totalFee;
    int mode;

    // Input
    cout << "Enter Tuition Fee: ";
    cin >> fee;
    cout << "Enter Mode of Payment: ";
    cin >> mode;

    // Total fee
    if (mode == 1) {
        totalFee = fee * 0.9;
    } else if (mode == 2) {
        totalFee = fee * 1.05;
    } else if (mode == 3) {
        totalFee = fee * 1.1;
    }

    // Output
    cout << "Your total tuition fee is: " << totalFee;

    return 0;
}
```

Result

```
Enter Tuition Fee: 20000
Enter Mode of Payment: 1
Your total tuition fee is: 18000
```