Video Rental

VRstores.cpp

Write a program that takes in the video rental rates of the VCDs rented by Video City members and calculates how much is the total amount due of the rental.

PROGRAM DESIGN

Back in the day, Video Rental stores like Video City and ACA video rentals were frequented by a lot of people. Netflix and other streaming services didn't exist yet. Create a program that takes in the number of VCDs to be rented by a customer. The number of days all VCDs would be rented by a customer, the various daily rental rates of each VCD, Once these details are taken by the program, the total rental fee amount should be calculated and outputted. Save your code as *YourLastname_VRstores.cpp*

PROGRAM SKELETON

```
#include <iostream>
using namespace std;

int main()
{
    int tot_VCDs;
    int num_days;
    float curr_rental;
    float tot_rental;

    ...

    return 0;
}
```

INPUT

The first input is the total number of VCDs to be rented, followed by the total number days these VCDs would be rented. Using a for or while loop, take in the various rental price of each VCD is worth.

OUTPUT

Your program should be able to calculate the total rental fee. This is calculated by multiplying the total number of days the VCDs would be rented by the sum of all various rental prices. Once this amount is calculated, output it in 2 floating point precision.

$$TotalRentalFee = (Number\ of\ Days\ rented)\ x\ (\sum rental\ prices)$$

Sample input	Sample output
2 4 15.00 25.00	160.00
3 2 15.50 10.25 25.00	101.50
1 4 25.50	102.00
2 2 10.50 10.00	41.00
4 2 10.00 20.00 22.25 13.25	131.00