Design a structure named "Car" to store details like car ID, model, and rental rate per day. Write a C program to input data for three cars, calculate the total rental cost for a specified number of days, and display the results.

```
#include<stdio.h>
struct Car{
    int ID;
    char model[90];
    float rentalRate;
    int numberOfDays;
};

struct Car cars[3];


void calculateRentalCost(){
    float rate;
     for(int i=0;i<3;i++){
         rate = cars[i].numberOfDays*cars[i].rentalRate;
         printf("\nThe rental rate for %s is %f",cars[i].model,rate);
     }
}
int main(){

    for(int i=0;i<3;i++){
        printf("Enter the details of CAR - %d",i+1);
        printf("\nEnter the ID : ");
        scanf("%d",&cars[i].ID);
        printf("Enter the model : ");
        scanf("%s",cars[i].model);
        printf("Enter the rental rate : ");
        scanf("%f",&cars[i].rentalRate);
        printf("Enter the number of days : ");
        scanf("%d",&cars[i].numberOfDays);
    }

    calculateRentalCost();
    return 0;
}
```

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main.c | Save | Run

```c
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        printf("\nEnter the ID : ");
        scanf("%d",&cars[i].ID);
        printf("Enter the model : ");
```

Output | Clear

```
/tmp/yQuynp5Bxi.o
Enter the details of CAR - 1
Enter the ID : 1
Enter the model : C1
Enter the rental rate : 234
Enter the number of days : 4

Enter the details of CAR - 2
Enter the ID : 2
Enter the model : C2
Enter the rental rate : 456
Enter the number of days : 8

Enter the details of CAR - 3
Enter the ID : 3
Enter the model : C3
Enter the rental rate : 345
Enter the number of days : 24

The rental rate for C1 is 936.000000
The rental rate for C2 is 3648.000000
The rental rate for C3 is 8280.000000
```