

C:\Users\dell\OneDrive\Documents\smith college expenses.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug ls.cpp water bill.cpp check cashing cards.cpp admission charge for rep theatre.cpp hotel pricing polyi.cpp student sem grade point.cpp
johnson student grades.cpp johndon class test grade.cpp test grade.cpp

```
1 #include <stdio.h>
2 int main()
3 {
4     float loanAmount = 3000;
5     float monthlyPayment = 85;
6     float interestRate = 0.01;
7     float balance = loanAmount;
8     float totalInterest = 0;
9     int numYears, numMonths;
10    numYears = loanAmount / (12 * monthlyPayment);
11    numMonths = loanAmount / (12 * monthlyPayment);
12    while (balance > 0) {
13        float interest = interestRate * balance;
14        float principal = monthlyPayment - interest;
15        balance = balance - principal;
16        totalInterest = totalInterest + interest;
```

C:\Users\dell\OneDrive\Documents\smith college expenses....

```
Interest: $7.86, Principal: $77.14, Balance: $708.68
Interest: $7.09, Principal: $77.91, Balance: $630.77
Interest: $6.31, Principal: $78.69, Balance: $552.08
Interest: $5.52, Principal: $79.48, Balance: $472.60
Interest: $4.73, Principal: $80.27, Balance: $392.33
Interest: $3.92, Principal: $81.08, Balance: $311.25
Interest: $3.11, Principal: $81.89, Balance: $229.36
Interest: $2.29, Principal: $82.71, Balance: $146.66
Interest: $1.47, Principal: $83.53, Balance: $63.12
Interest: $0.63, Principal: $84.37, Balance: $-21.25
Number of years: 2, Number of months: 2
Total interest paid: $718.75

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Process exited after 0.1097 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

```
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- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\dell\OneDrive\Documents\smith college
- Output Size: 128.4580078125 KiB
- Compilation Time: 0.52s
```

Shorten compiler paths