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## **Homework6 2**

**Code :**

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

int main(){
    double money = 0.01;
    double count = 0.00;
    for(int i = 0; i < 64 ; i++){
        money = money * 2;
        cout << "Day" << i+1 << " King must pay the beggar: "<< money << endl;
        count += money;
        // cout << count << endl;
        if (count >= 1000000)
        {
            cout << "-----" << endl;
            cout << "In Day" << i+1 << " The king will have paid the beggar a total of one
million dollars." << endl;
            break;
        }

    }
    return 0;
}

//This code is created by Hanlin Cai
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```