#include<iostream>

using namespace std;

//Assignment: Bar.cpp

//

// Auther: Linan He

// Date: Current Date

// Class:Mac125

// Completion time: Time

//

// Honor Code: I pledge that this program represents my own

// program code. I received no help from classmate in designing

//

int main() {

int money,extra, coupon = 0, bar;

cout << "Enter the amount of amount as whole number for how many chocalte bar you wants to buy: "<<endl;

cin >> money;

cout << "You have spend " << money << " dallors to buy " << money << " chocalate bars" << endl;

bar = money;

money /= 7;

coupon = money;

extra=money + bar;

cout << "You have total of " << bar << " coupons, "<<endl<<

"with that many coupon, you can exchangle for " << money << " extra choclate bars,"<<endl<<

"now the total chocalte bar is "<<extra<<" with ";

money %= 7;

cout << money << " extra coupon left ";

if (coupon >= 7) {

coupon /= 7;

coupon %= 7;

}

else {

cout << "you can no longer exchange"<<coupon<<" coupon for extra choclate bar anymore";

}

return 0;

}