import java.util.Scanner;

public class bankdomination{

public static void main(String[] args){

Scanner sc = new Scanner(System.in);

System.out.print("Enter the amount: ");

int amount = sc.nextInt();

if (amount < 1 || amount > 99999) {

System.out.println("Invalid amount");

}

else{

System.out.println("Denomination");

int[] denomination = {1000,500,100,50,20,10,5,2,1};

int Totnotes=0;

for(int den : denomination){

if(amount >= den){

int count = amount/den;

amount%=den;

Totnotes+=count;

System.out.println(den + " X " + count + " = " + (den \* count));

}

}

}

}

}