

# CHANGING COUNTING GAME DIAMOND

## Code:

```
2 package com.mycompany.changingcountinggamediamond;
3 import java.util.*;
4 public class ChangingCountingGameDiamond {
5
6     public static void main(String[] args) {
7         Scanner input = new Scanner(System.in);
8
9         System.out.println("Enter the number of coins to make exactly $1:");
10
11         System.out.print("Pennies (1¢): ");
12         int pennies = input.nextInt();
13
14         System.out.print("Nickels (5¢): ");
15         int nickels = input.nextInt();
16
17         System.out.print("Dimes (10¢): ");
18         int dimes = input.nextInt();
19
20         System.out.print("Quarters (25¢): ");
21         int quarters = input.nextInt();
22
23         int totalCents = pennies * 1 + nickels * 5 + dimes * 10 + quarters * 25;
24
25         if (totalCents == 100) {
26             System.out.println("Congratulations! You made exactly one dollar!");
27         } else if (totalCents < 100) {
28             System.out.println("Oops! That's less than a dollar. You entered " + totalCents + " cents.");
29
30         } else {
31             System.out.println("Oops! That's more than a dollar. You entered " + totalCents + " cents.");
32         }
33     }
34 }
```

## Output:

```
Enter the number of coins to make exactly $1:
Pennies (1¢): 127
Nickels (5¢): 45
Dimes (10¢): 2
Quarters (25¢): 4
Oops! That's more than a dollar. You entered 472 cents.
```