

```
import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("请输入商品价格（整数，不大于100元）：");
        double price = scanner.nextDouble();

        if (price < 0 || price > 100 || price % 1 != 0) {
            System.out.println("商品价格不符合要求!");
            return;
        }

        System.out.print("请输入付款金额：");
        double payment = scanner.nextDouble();

        if (payment < 0 || payment > 100 || payment % 1 != 0) {
            System.out.println("付款金额不符合要求!");
            return;
        }

        if (payment < price) {
            System.out.println("付款金额必须大于商品价格!");
            return;
        }

        int change = (int) (payment - price);
        int[] denominations = {50, 20, 10, 5, 2, 1};

        if (change == 0) System.out.println("无需找零!");
        System.out.println("最佳找零组合：");
        for (int denomination : denominations) {
            int count = change / denomination;
            if (count > 0) {
                System.out.println("找零"+denomination + "元纸币" + count + "张");
                change -= denomination * count;
            }
        }
    }
}
```