

1,setting

```
import java.util.Scanner;
import java.text.NumberFormat;
public class spending {

    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        int total = 0;
```

2,user input,and collect the total at the same time

```
System.out.println("Enter the amount spent last month on the following items: ");
System.out.println("Food:");
double food = input.nextInt();
total += food;
System.out.println("Clothing: ");
double clothing = input.nextInt();
total += clothing;
System.out.println("Entertainment: ");
double entertainment = input.nextInt();
total += entertainment;
System.out.println("Rent:");
double rent = input.nextInt();
```

3,calculate part

```
double budgetfood = food / total;
double budgetclothing = clothing / total;
double budgetentertainment = entertainment / total;
double budgetrent = rent / total;
```

4,output

```
System.out.println("The Budget of food is: " + percent.format(budgetfood));
System.out.println("The Budget of clothing is: " + percent.format(budgetclothing));
System.out.println("The Budget of entertainment is: " + percent.format(budgetentertainment));
System.out.println("The Budget of rent is: " + percent.format(budgetrent));
```