import java.util.Scanner;

public class Bill1 {

public static void main(String[] args) {

int a, d;

String name;

float e, c, b;

Scanner s = new Scanner(System.in)

System.out.println("Enter consumer number:");

a = s.nextInt();

System.out.println("Enter consumer name:");

s.nextLine();

name = s.nextLine();

System.out.println("Enter previous month reading:");

b = s.nextFloat();

System.out.println("Enter current month reading:");

c = s.nextFloat();

System.out.println("Enter the type of EB connection(Domestic=1,Commercial=2):");

d = s.nextInt();

e = c - b;

if (d == 1) {

if (e <= 100) {

System.out.println("Bill = " + (e \* 1));

} else if (e <= 200) {

System.out.println("Bill = " + (e \* 2.50));

} else if (e <= 500) {

System.out.println("Bill = " + (e \* 4));

} else {

System.out.println("Bill = " + (e \* 6));

}

} else if (d == 2) { // Commercial

if (e <= 100) {

System.out.println("Bill = " + (e \* 2));

} else if (e <= 200) {

System.out.println("Bill = " + (e \* 4.50));

} else if (e <= 500) {

System.out.println("Bill = " + (e \* 6));

} else {

System.out.println("Bill = " + (e \* 7));

}

} else {

System.out.println("Please enter a valid number for connection type.");

}

s.close();

}

}