Decision Making - Online shopping

Richard Castle wants to buy a shirt. As he is very lazy, he decided to buy the shirt online. He chooses a shirt on Flipkart and is surprised to see the same shirt on Snapdeal, and Amazon as well. So he decided to buy the shirt from the website which offers the least price. The price of the shirt, the discount percentage, and the shipping charges of all three websites have been given as input. Help him in calculating the price of the shirt on each website and decide which website has the lowest price.If the price in all the three websites are same then first priority goes to Flipkart, then Snapdeal and finally Amazon.

Input Format

Input consists of 9 integers. The first three input corresponds to Flipkart details such as the price of the shirt, discount offered, and shipping charges. The next three input corresponds to Snapdeal details such as the price of the shirt, discount offered, and shipping charge. The last three input corresponds to Amazon details such as the price of the shirt, discount offered, and shipping charge.

Constraints

NA

Output Format

The Output consists of three integers that denote the prices on Flipkart, Snapdeal, and Amazon and should suggest the website that has the lowest price.

Sample Input 0

```
1000
50
50
900
50
70
800
10
200
```

Sample Output 0

```
In Flipkart: Rs.550
In Snapdeal: Rs.520
In Amazon: Rs.920
Choose Snapdeal
```

Sample Input 1

```
1000
60
```

```
80
900
50
30
1000
10
200
```

Sample Output 1

```
In Flipkart: Rs.480
In Snapdeal: Rs.480
In Amazon: Rs.1100
Choose Flipkart
```

Submissions: 735
Max Score: 80
Difficulty: Medium

Rate This Challenge:

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C

```c
#include <stdio.h>
#include <string.h>
#include <math.h>
#include <stdlib.h>

int main() {

    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    int f1,f2,f3,s1,s2,s3,a1,a2,a3;
    scanf("%d%d%d%d%d%d%d%d%d",&f1,&f2,&f3,&s1,&s2,&s3,&a1,&a2,&a3);
    int f,s,a;
    f=f1-((f1*f2)*0.01)+f3;
    s=s1-((s1*s2)*0.01)+s3;
    a=a1-((a1*a2)*0.01)+a3;
    printf("In Flipkart: Rs.%d\n",f);
    printf("In Snapdeal: Rs.%d\n",s);
    printf("In Amazon: Rs.%d\n",a);

    if(f<=s && f<=a){
        printf("Choose Flipkart");
    }
    else if(s<=f && s<=a){
        if(a==s){
             printf("Choose Snapdeal");
        }
        else{
             printf("Choose Snapdeal");
        }
    }
    else{
        printf("Choose Amazon");

    }
    return 0;
}
```

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Line: 1 Col: 1

Upload Code as File Test against custom input Run Code Submit Code

Testcase 0 ✔ Testcase 1 ✔

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

```
1000
50
50
900
50
70
800
10
200
```

Your Output (stdout)

```
In Flipkart: Rs.550
In Snapdeal: Rs.520
In Amazon: Rs.920
Choose Snapdeal
```

Expected Output

```
In Flipkart: Rs.550
In Snapdeal: Rs.520
In Amazon: Rs.920
Choose Snapdeal
```