Sum It Up

In this problem, you will be given 3 integer numbers *x*, *y*, *z* as input (absolute value of *x*, *y* and *z* will be less than *1000*). Your job is to print their sum.

██ ████████ ,███████ █████ ██████████ (███████ ███████) *x*, *y*, *z*████ █████ █████ ██████ (*x*, *y*, *z*██ ███ ███ *1000*████ ██████ ███) ██████ ██████ ██████ ██████ ██████ ██████ ██
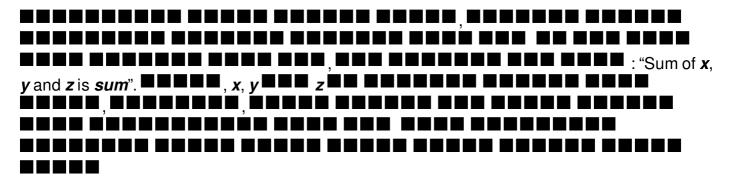
Input

The first line of input consists of a number **T,** denoting the number of test cases. There will be next **T** lines. Each line will contain 3 integers. Your code might look like below:

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```c
#include<stdio.h>

int main()

{

    int testcase, i, x, y, z, sum;

    int caseno = 1;

    scanf("%d",&testcase);

    for(i = 1; i <= testcase; i++)

    {

        //write lines here to take input in x, y, z

        //write lines to keep the sum of x, y and z in sum variable

        printf("Case %d: ", caseno);

        caseno++;

        //write lines here to print the desired output

        printf("\n");

    }
```

```
return 0;

}
```

Output

For each input case, first, print the case number. Then print a line "Sum of *x*, *y* and *z* is *sum*". Here, *x*, *y* and *z* will be replaced according to the given input. And *sum* will be the summation result of *x*, *y* and *z*. See the sample input output for more details.

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Example

Input:

```
3
3 5 4
4 -2 10
500 500 500
```

Output:

```
Case 1: Sum of 3, 5 and 4 is 12
Case 2: Sum of 4, -2 and 10 is 12
Case 3: Sum of 500, 500 and 500 is 1500
```