

computeTotal

Write a program that first reads the total number of lists of numbers to be processed, then reads in the specified number of lists of numbers accordingly, one list per line, computes the total for each list and displays the total on the screen. For each list of numbers, the first number indicates how many elements are in the list. Your function does not need to check user input errors. No need to check errors on user input.

A sample program template is given below:

```
#include <stdio.h>
int main()
{
    /* Write your code here */
    return 0;
}
```

Sample input and output sessions are given below:

(1) Test Case 1:

Enter number of lines:

2

Enter line 1:

3 2 3 4

Total: 9

Enter line 2:

4 1 2 3 4

Total: 10

(2) Test Case 2:

Enter number of lines:

3

Enter line 1:

3 2 3 4

Total: 9

Enter line 2:

4 1 2 3 4

Total: 10

Enter line 3:

2 1 2

Total: 3

```
#include <stdio.h>
int main()
{
    int count=1,line;
    int numint;
    int total = 0;
    int i,num;

    printf("Enter number of lines:\n");
    scanf("%d",&line);

    while(line!=0)
    {
        printf("Enter line %d:\n",count);
        count++;
        line--;

        scanf("%d",&numint);
        for(i=1;i<=numint;i++)
        {
            scanf("%d",&num);
            total+= num;
        }

        printf("Total: %d",total);
        total = 0;
        printf("\n");
    }
    return 0;
}
```