

printAverage

Write a C program that reads in several lines of non-negative integer numbers, computes the average for each line and prints out the average. The value -1 in each line of user input is used to indicate the end of input for that line.

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:

1

Enter line 1 (end with -1):

1 2 3 4 -1

Average = 2.50

(2) Test Case 2:

Enter number of lines:

2

Enter line 1 (end with -1):

2 4 6 8 -1

Average = 5.00

Enter line 2 (end with -1):

1 3 5 7 9 -1

Average = 5.00

(3) Test Case 3:

Enter number of lines:

3

Enter line 1 (end with -1):

2 4 6 8 -1

Average = 5.00

Enter line 2 (end with -1):

1 3 5 7 9 -1

Average = 5.00

Enter line 3 (end with -1):

1 3 5 7 9 11 -1

Average = 6.00