Week 1-02

Line 2 : Marks scored in the 3 tests separated by single space.

Output format :

First line of output prints the name of the student.
Second line of the output prints the average mark.

Constraints

Marks for each student lie in the range 0 to 100 (both inclusive)

Sample Input 1 :

A
3 4 6

Sample Output 1 :

A
4

Sample Input 2 :

T
7 3 8

Sample Output 2 :

T
6

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main ()
{
  char a;
  scanf("%c",&a);
  printf("%c\n",a);
  int x,y,z;
  scanf("%d %d %d",&x,&y,&z);
  printf("%d",(x+y+z)/3);
  return 0;
}
```

	Input	Expected	Got	
☐	A 3 4 6	A 4	A 4	☐
☐	T 7 3 8	T 6	T 6	☐
☐	R 0 100 99	R 66	R 66	☐

Passed all tests! ☐

Printing

To print a data type, use the following syntax:

printf("format specifier", val)

For example, to print a *character* followed by a *double*:

char ch = 'd';

double d = 234.432;

printf("%c %lf", ch, d);

Note: You can also use *cin* and *cout* instead of *scanf* and *printf*; however, if you are taking a million numbers as input and printing a million lines, it is faster to use *scanf* and *printf*.

Input Format

Input consists of the following space-separated values: *int*, *long*, *char*, *float*, and *double*, respectively.

Output Format

Print each element on a new line in the same order it was received as input. Note that the floating point value should be correct up to 3 decimal places and the double to 9 decimal places.

Sample Input

3 12345678912345 a 334.23 14049.30493

Sample Output

3

12345678912345

a

334.230

14049.304930000

Explanation

Print *int* ***3***,

followed by *long* ***12345678912345***,

followed by *char* ***a***,

followed by *float* ***334.23***,

followed by *double* ***14049.30493***.

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{int a;
long l;
char ch;
float f;
double lf;
scanf("%d %ld %c %f %lf",&a,&l,&ch,&f,&lf);
printf("%d\n%ld\n%c\n%.3f\n%.9lf",a,l,ch,f,lf);
return 0;
}
```

	Input	Expected	Got	
✓	3 12345678912345 a 334.23 14049.30493	3 12345678912345 a 334.230 14049.304930000	3 12345678912345 a 334.230 14049.304930000	✓

Passed all tests! ✓

Write a program to print the ASCII value and the two adjacent characters of the given character.

Input

E

Output

69

D F

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{char ch;
scanf("%c",&ch);
printf("%d",ch);
printf("\n%c %c",ch-1, ch+1);
return 0;}
```

	Input	Expected	Got	
✓	E	69 D F	69 D F	✓

Passed all tests! ✓