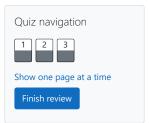
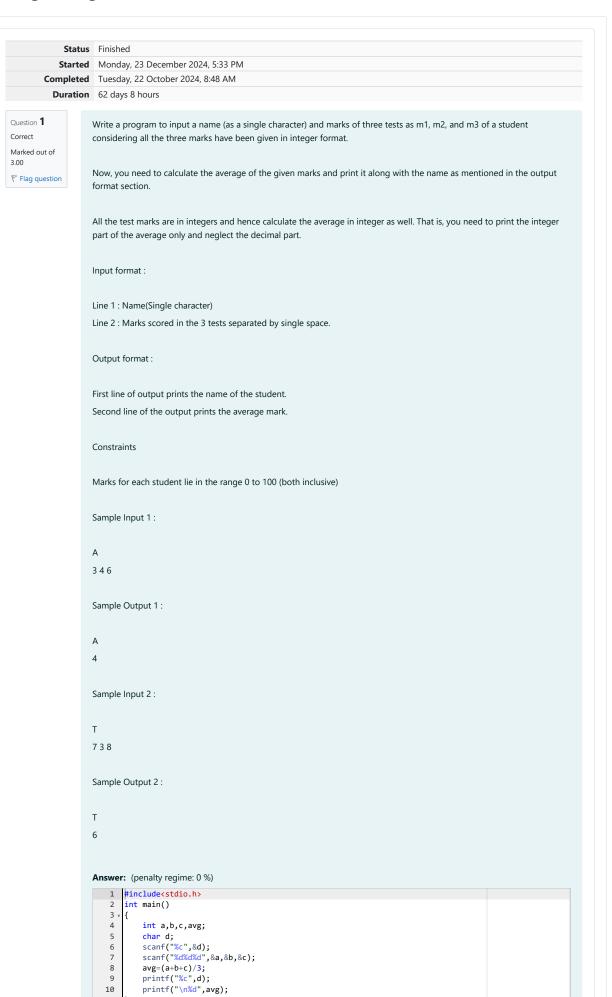
GE23131-Programming Using C-2024





	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! ✓

Question **2**

Marked out of 5.00

▼ Flag question

Some ${\it C}$ data types, their format specifiers, and their most common bit widths are as follows:

- Int ("%d"): 32 Bit integer
- · Long ("%ld"): 64 bit integer
- · Char ("%c"): Character type
- · Float ("%f"): 32 bit real value
- · Double ("%lf"): 64 bit real value

Reading

To read a data type, use the following syntax:

scanf("`format_specifier`", &val)

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

char ch;

double d;

scanf("%c %lf", &ch, &d);

For the moment, we can ignore the spacing between format specifiers.

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

а

334.230

14049.304930000

Explanation

Print int 3,

followed by long 12345678912345,

followed by $\mathit{char}\ \pmb{a}$,

followed by float 334.23,

followed by double 14049.30493.

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()

3 * {
    int a;
    long b;
    characteristics.
}
```

```
7 float d;
8 double e;
9 scanf("%d %ld %c %f %lf",&a,&b,&c,&d,&e);
10 printf("%d\n%ld\n%c\n%.3f\n%.9lf",a,b,c,d,e);
11 return 0;
12 }
```

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

Question **3**Correct
Marked out of 7.00

 \slash Flag question

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

Input

Ε

Output

69

DF

Answer: (penalty regime: 0 %)

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

}
```

	Input	Expected	Got			
~	Е	69	69	~		
		DF	DF			

Passed all tests! ✓

Finish review