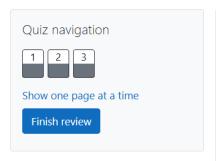
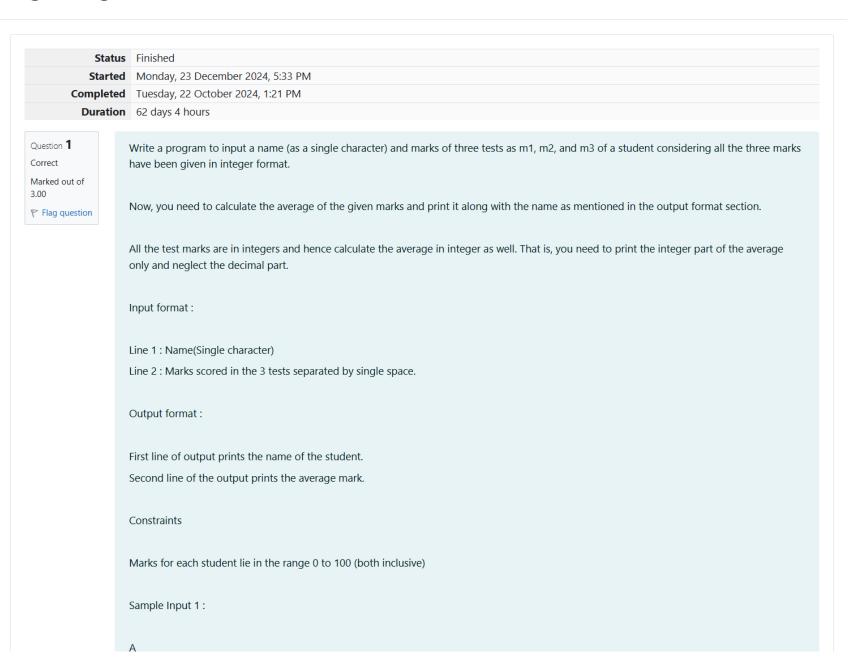
GE23131-Programming Using C-2024





```
346
Sample Output 1:
Α
4
Sample Input 2:
Τ
738
Sample Output 2:
Т
6
Answer: (penalty regime: 0 %)
       #include<stdio.h>
       int main()
    2
    3 ₹
    4
           char name;
           int m1,m2,m3;
    5
           scanf("%c",&name);
scanf("%d %d %d",&m1,&m2,&m3);
    8
           int average;
    9
           average =m1+m2+m3;
           printf("%c",name);
   10
           printf("\n%d",average/3);
   11
   12
   13
           return 0;
  14
  15
```

	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

Correct

Marked out of 5.00

Flag question

Some 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 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 %)

```
1 #include<stdio.h>
2 v int main(){
 3
        int a;
 4
        long b;
 5
        char ch;
        float m;
 6
        double e;
        scanf("%d %ld %c %f %lf ",&a,&b,&ch,&m,&e);
 8
 9
        printf("%d\n%ld\n%c\n%.3f\n%.9lf",a,b,ch,m,e);
10
        return 0;
11
12
13
14
15
16
```

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

Passed all tests! ✓

Question **3**

Correct

Marked out of 7.00

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 ch;
    scanf("%c",&ch);
    printf("%d",ch);
    printf("\n%c %c",ch-1,ch+1);
    return 0;
}
```



Passed all tests! ✓

Finish review