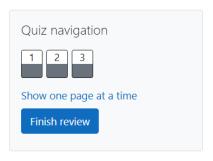
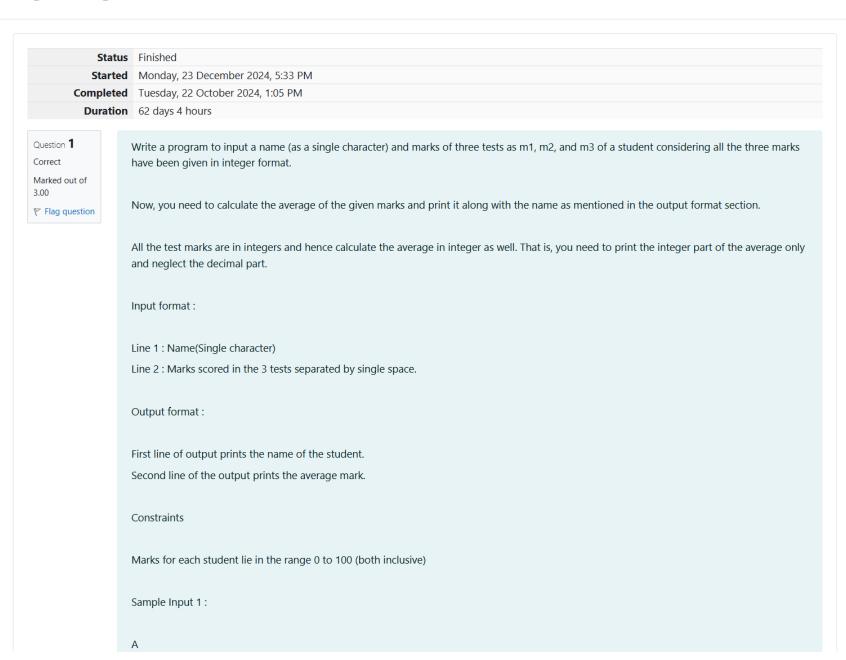
GE23131-Programming Using C-2024





```
3 4 6
Sample Output 1:
Α
4
Sample Input 2:
Т
738
Sample Output 2:
Τ
6
Answer: (penalty regime: 0 %)
 1 #include<stdio.h>
   2 int main()
3 v {
    4
            char a;
            int b,c,d,sum,avg;
scanf("%c",&a);
printf("%c\n",a);
scanf("%d %d %d",&b,&c,&d);
     5
     6
    7
     8
    9
             sum=b+c+d;
             avg=sum/3;
printf("%d",avg);
   10
   11
   12 }
```

	input	expected	GUL	
~	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 $\bf 2$

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 %)

```
#include<stdio.h>
    int main()
 2
 3 🔻
 4
        int a;
       long b;
 5
 6
        char c;
 7
        float d;
 8
        double e;
       scanf("%d %ld %c %f %lf",&a,&b,&c,&d,&e);
 9
       printf("%d\n%ld\n%c\n%.3f\n%.9lf",a,b,c,d,e);
10
11
        return 0;
12 }
```

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

	Input	Expected	Got	
~	Е	69 D F	69 D F	~

Passed all tests! <

Finish review