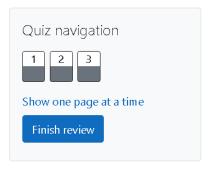
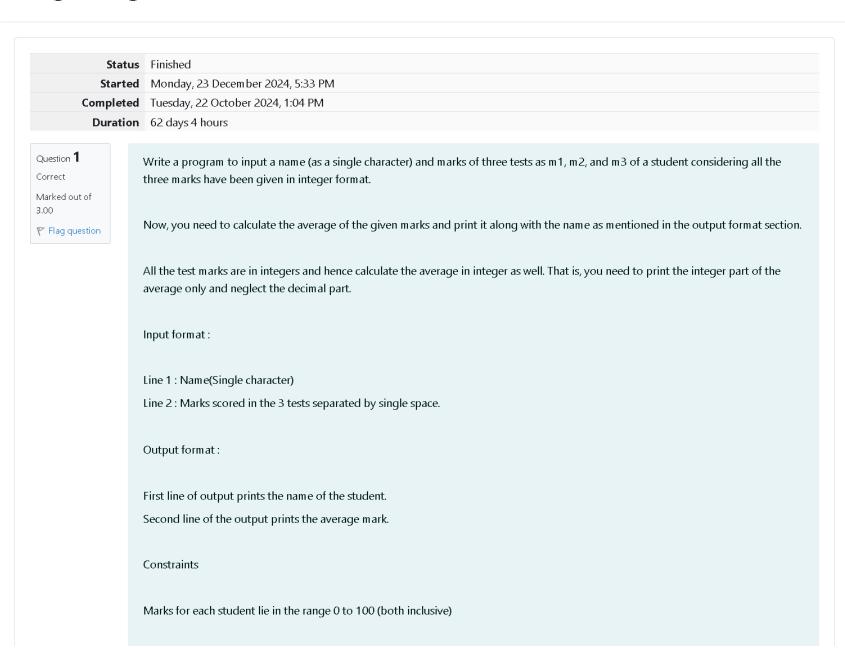
GE23131-Programming Using C-2024





```
Sample Input 1:
Α
346
Sample Output 1:
Α
4
Sample Input 2:
Т
738
Sample Output 2:
Τ
6
Answer: (penalty regime: 0 %)
```

```
1 #include<stdio.h>
2 v int main(){
3
       char c;
4
       scanf("%c",&c);
       printf("%c\n",c);
5
6
       int a,b,d;
7
       scanf("%d %d %d",&a,&b,&d);
       //printf("%d %d %d",a,b
8 +
       int sum=a+b+d;
9
       int avg=sum/3;
10
       printf("%d",avg);
11
12
       return 0;
13
14 }
```

	Input	Expected	Got	
~	A 3 4 6	A 4	A 4	~
~	T 7 3 8	T 6	T 6	~
~	R Ø 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 %) 1 #include(stdio.h> 2 - int main(){ 3 int a; 4 long b; 5 char c; 6 float d; 7 double e;

coanf/"%d %ld %c %f %lf" %a %h %c %d %a\.

```
9 | printf("%d\n%1d\n%c\n%.3f\n%.91f\n",a,b,c,d,e);
return 0;
11 |}
```

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

DΕ

Answer: (penalty regime: 0 %)

	Input	Expected	Got	
~	E	69 D F	69 D F	~

Passed all tests! 🗸

Finish review