

Status	Finished
Started	Sunday, 2 November 2025, 6:21 PM
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Duration	51 mins 5 secs

Question 1

Correct

A single line L with a set of space separated values indicating distance travelled and time taken is passed as speed S (with precision upto 2 decimal places) and print S as the output.

Note: The distance and time taken will follow the format DISTANCE@TIME TAKEN. DISTANCE will be in kilo

Input Format:

The first line contains L.

Output Format:

The first line contains the average speed S.

Boundary Conditions:

Length of L will be from 3 to 100.

Example Input/Output 1:

Input:

60@2 120@3

Output:

36.00 kmph

Explanation:

Total distance = $60+120 = 180$ km.

Total time taken = $2+3 = 5$ hours.

Hence average speed = $180/5 = 36.00$ kmph

For example:

Input	Result
60@2 120@3	36.00 kmph

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 { }
```

	Input	Expected	Got	
✓	60@2 120@3	36.00 kmph	36.00 kmph	✓

Passed all tests! ✓

Question 2

Correct

The program must accept two numbers X and Y and then print their HCF/GCD.

Input Format:

The first line denotes the value of X.
The second line denotes the value of Y.

Output Format:

The first line contains the HCF of X and Y.

Boundary Conditions:

1 <= X <= 999999
1 <= Y <= 999999

Example Input/Output 1:

Input:

30
40

Output:

10

Example Input/Output 2:

Input:

15
10

Output:

5

For example:

Input	Result
30	10
40	

Answer: (penalty regime: 0 %)

```
1 | #include<stdio.h>
2 | int main()\n
```

	Input	Expected	Got	
✓	30 40	10	10	✓

Passed all tests! ✓

Question 3

Correct

A string S is passed as input. S will contain two integer values separated by one of these alphabets - A, S, M, D

- A or a is for addition
- S or s is for subtraction
- M or m is for multiplication
- D or d is for division

The program must perform the necessary operation and print the result as the output. (Ignore any floating p

Input Format:

The first line contains S.

Output Format:

The first line contains the resulting integer value.

Boundary Conditions:

Length of S is from 3 to 100.

Example Input/Output 1:

Input:

5A11

Output:

16

Explanation:

As the alphabet is A, 5 and 11 are added giving 16.

Example Input/Output 2:

Input:

120D6

Output:

20

Example Input/Output 3:

Input:

1405d10

Output:

140

For example:

Input	Result
5A11	16
120D6	20
1405d10	140

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<ctype.h>
3 int main()
4 {
5     int a,b;
6     char op;
7     scanf("%d%c%d",&a,&op,&b);
8     op=toupper(op);
9     if(op=='A')
10        printf("%d",a+b);
11     else if(op=='S')
12        printf("%d",a-b);
13     else if(op=='M')
14        printf("%d",a*b);
15     else if(op=='D')
16        printf("%d",a/b);
17     return 0;
18 }
```

	Input	Expected	Got	
✓	5A11	16	16	✓
✓	120D6	20	20	✓
✓	1405d10	140	140	✓

Passed all tests! ✓