

## Question 1 | Correct | Mark 1.00 out of 1.00 | F | Flag question

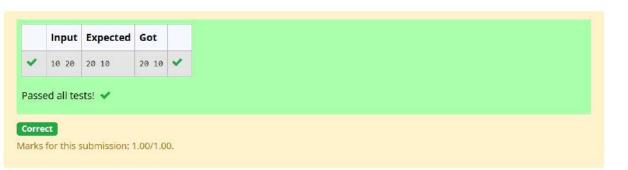
Given two numbers, write a C program to swap the given numbers.

### For example:

Input	Result
10 20	20 10

## Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main(){
    int a,b;
    scanf("%d",&a);
    scanf("%d",&b);
    int temp = a;
    a = b;
    b = temp;
    printf("%d %d",a,b);
}
```



Question 2 | Correct Mark 1.00 out of 1.00 F Hag guestion

Write a C program to find the eligibility of admission for a professional course based on the following criteria:

Marks in Maths >= 65

Marks in Physics >= 55

Marks in Chemistry >= 50

Or

Total in all three subjects >= 180
Sample Test Cases
Test Case 1
<b>Input</b> 70 60 80
Output
The candidate is eligible
Test Case 2
Input
50 80 80
Output
The candidate is eligible
Test Case 3
Input
50 60 40
Output
The candidate is not eligible

### Output

The candidate is not eligible

Answer: (penalty regime: 0 %)

Input		Expected	Got	
*	76 66 88	The candidate is eligible	The candidate is eligible	*
4	50 80 80	The candidate is eligible	The candidate is eligible	~

Passed all tests! 🗸

Correct

Marks for this submission: 1,00/1,00.

Question 3   Correct   Mark 1.00 out of 1.00   This question
Malini goes to BestSave hyper market to buy grocery items. BestSave hyper market provides 10% discount on the bill amount B when ever the bill amount B is more than Rs.2000.
The bill amount B is passed as the input to the program. The program must print the final amount A payable by Malini.
Input Format:
The first line denotes the value of B.
Output Format:
The first line contains the value of the final payable amount A.
Example Input/Output 1:
Input
1900
Output
1900
Example Input/Output 2:
3000
Output: 2700

#### Answer: (penalty regime: 0 %)

```
Answer: (penalty regime: 0 %)

1  #include<atdio.hx

2  int main(){
3  int a;
4  scanf("%d", %a);
5  if(a<=2000){
6  printf("%d", a);
7  }else(
8  int d = a*0.10;
10  printf("%d",t);
11  }
12 }
```

	Input	Expected	Got	
~	1000	1000	1980	-
~	3800	2700	2780	~

Passed all tests! 🗸

Correct
Marks for this submission: 1.00/1.00

Question 4   Correct: Mark 1.00 out of 1.00 V First superior
Baba is very kind to beggars and every day Baba donates half of the amount he has when ever a beggar requests him. The money M left in Baba's hand is passed as the input and the number of beggars B who received the alms are passed as the input. The program must principle money Baba had in the beginning of the day.
Input Format:
The first line denotes the value of M. The second line denotes the value of B.
Output Format:
The first line denotes the value of money with Baba in the beginning of the day.
Example Input/Output:
Input:
100 2
Output:
:,400
Explanetion;
Baba donated to two beggars. So when he encountered second beggar he had 100°2 = Rs.200 and when he encountered 1st he had 200°2 = Rs.400.

Answer: (pensly regime 0 %)

1 | #include chtdis.h.
2 | int msin()(
3 | int hs.n);
4 | scnn(f(%)(%)(hs);
5 | scnf(f(%)(%)(hs);
6 | int t-p,
7 | for (int 1-init(1+1)()
8 | t-t\*2;
9 |
10 |
11 | print\*(f(%)(\*,t));
12 |}

Input Expected Got

100 400 400 400 40

Correct
Marks for this submission 1.00/1.00.

Question 5   Cornect   Mark 100 out of 100   W Plaquescon
The CEO of company ABC Inc wanted to encourage the employees coming on time to the office. So he announced that for every consecutive day an employee comes on time in a week (starting from Monday to Saturday), he will be awarded Rs 200 more than the previous day as "Punctuality Incentive". The incentive I for
the starting day (ie on Monday) is passed as the input to the program. The number of days N an employee came on time consecutively starting from Monday is also passed as the input. The program must calculate and print the "Punctuality Incentive" P of the employee.
Input Format:
The first line denotes the value of I.  The second line denotes the value of N.
Output Formats
The first line denotes the value of P.
Example Input/Output:
Input:
500 3
Ситрие:
2100
Expanation
On Monday the employee receives Rs.500, on Tuesday Rs.700, on Wednesday Rs.900
So total = Rs,2100

	Input	Expected	Got	
*	588	2100	2100	*
*	188	990	900	~

Marks for this submission: 1,00/1,00.

# Question 6 | Correct Mark 1.00 out of 1.00 | T Rapquescon

 $Two numbers \ M \ and \ N \ are \ passed \ as \ the \ input. A number \ X \ is \ also \ passed \ as \ the \ input. The \ program \ must \ print the numbers \ divisible \ by \ X \ from \ N \ to \ M \ (inclusive \ of \ M \ and \ N).$ 

# Input Format:

The first line denotes the value of M The second line denotes the value of N The third line denotes the value of X

## Output Format:

Numbers divisible by  $\boldsymbol{X}$  from  $\boldsymbol{N}$  to  $\boldsymbol{M}_{\!\!\boldsymbol{x}}$  with each number separated by a space

### Boundary Conditions:

 $1 \leftarrow M \leftarrow 99999999$   $M \leftarrow N \leftarrow 99999999$  $1 \leftarrow X \leftarrow 99999$ 

## Example Input/Output 1:

Input: 2 40 7

#### Output: 35 28 21 14 7 Example Input/Output 2:

```
Answer: (penshy regime: 0 %)

1  | #include:statio.h)
2  | int main(){
3  | int sin, e;
4  | sconf("Ms dd Ms", Re, Rs, Sm);
5  | for(int 1-e;1>-e;1--){
6  | if(12n-e)("Ms d',1);
8  | }
9  | }
10 | }
```

	Input	Expected	Got	
~	2 48 7	35 28 21 14 7	35 28 21 14 7	~

Passed all tests! 🗸

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Question 7 | Correct Mark 1.00 out of 1.00 | Reg question

Correct
Marks for this aubmission: 1,00/1,00.

Write a C program to find the quotient and reminder of given integers.

### Question 8 | Correct Mark 1.00 out of 1.00 | Flag question

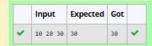
Write a C program to find the biggest among the given 3 integers?

#### For example:

Input	Result	
10 20 30	30	

#### Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main(){
    int a,b,c;
    scanf("%d %d %d",&a,&b,&c);
    int big;
    if (ab && a>c){
        big = a;
    } else if(b>a && b>c){
        big = b;
    } else {
        big = c;
    }
}
2 · in
3 4
5 6 · 7
8 · 9
10 · 11
11
12
13
14
15 }
                                   printf("%d",big);
```



Passed all tests! 🗸

Marks for this submission: 1.00/1.00.

# Question 9 | Correct Mark 1.00 out of 1.00 F Fiag question

Write a C program to find whether the given integer is odd or even?

#### For example:

Input	Result
12	Even
11	Odd

# Answer: (penalty regime: 0 %)

```
inswer: (penalty regime: 0 %)

#include<stdio.h>
int main(){
    int a;
    scanf("%d",&a);
    if(a%2=0){
        printf("Even");
    }
else{
        printf("odd");
    }
}
```

	Input	Expected	Got	
4	12	Even	Even	*
~	11	Odd	Odd	~

Passed all tests! 🗸

Correct
Marks for this submission: 1.00/1.00.

### Question 10 | Correct Mark 1.00 out of 1.00 | Rag question

Write a C program to find the factorial of given  $\boldsymbol{n}.$ 

### For example:

Input	Result
5	120

## Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 * int main(){
3     int a;
4     scanf("%d",&a);
5     int f=1;
6 * for(int i=a;i)=1;i--){
7     f=f*i;
8     }
9     printf("%d",f);
10 }
```

	Input	Expected	Got	
4	s	120	120	~

Passed all tests! 🗸

Correct

Marks for this submission: 1:00/1:00.

# Question 11 | Correct Mark 1.00 out of 1.00 🌵 Flag question

Write a C program to find the sum first N natural numbers.

#### For example:

Input		Result	
	3	6	

# Answer: (penalty regime: 0 %)

	Input	Expected	Got	
~	3	6	6	~

Passed all tests! 🗸

Correct

Marks for this submission: 1.00/1.00.

## Question 12 | Correct | Mark 1.00 out of 1.00 | F Flag question

Write a C program to find the Nth term in the fibonacci series.

#### For example:

Input	Result	
8	8	
1	1	
4	3	

	Input	Expected	Got	
~	e	ø	0	*
~	1	1	1	~
v	4	3	1	v

Passed all tests! 🗸

Correct

Marks for this submission: 1.00/1.00.

Question 13 | Correct | Mark 1.00 out of 1.00 | F | Flag question

Write a C program to find the power of integers.

аb

output

a^b value

For example:

Input	Result
2 5	32

Answer: (penalty regime: 0 %)

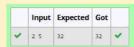
```
#include<stdio.h>
#include<stdio.h>
#include<math.h>

#include<math.h

#include<math.h

#include<math.h

#include<math.h
```



Passed all tests! 🗸

Correct
Marks for this submission: 1.00/1.00.

# Question 14 | Correct Mark 1.00 out of 1.00 | Rag question

Write a C program to find Whether the given integer is prime or not,  $\label{eq:continuous}$ 

#### For example:

Input	Result	
7	Prime	
9	No Prime	

#### Answer: (penalty regime: 0 %)

	Input	Expected	Got	
4	7	Prine	Prine	4
4	9	No Prime	No Prine	~

## Passed all tests! 🗸

Correct
Marks for this submission: 1.00/1.00.

Write a C program to find the reverse of the given integer?

Answer: (penalty regime: 0 %)

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Question 15 | Correct | Mark 1.00 out of 1.00 | Rag question

Passed all tests! 🗸

Correct
Marks for this submission: 1:09/1.00.