

Sample Input

10

20

Sample Output

The total weight of all these widgets and gizmos is 2990 grams.

For example:

Input	Result
10 20	The total weight of all these widgets and gizmos is 2990 grams.

Ex. No.	:	2.1	1	Date:			
Register No.	.:		Name:				
			Widgets and	Gizmos	<u>S</u>		
gizmo weigh	s 112	grams. Writ	oducts: widgets and g te a program that read r program should com	izmos. Each	– h widget wei per of widget	s and the number	r of
A=int(input	())						
B=int(input	())						
Print("The	total w	eight of all	these widgets and gi	zmos is",(a	1*75+b*112)	,"grams.")	

Sample In	put				
10					
Sample O	utput				
True					
Explanation	on:				
Since 10 i	s an even number	and a number bety	veen 0 and 100, 7	Γrue is printed	

Ex. No. :	2.2	Date:
Register No.:	Name	: :
	<u>Doll Si</u>	<u>ings</u>
new dolls of different	varieties. The best-sold doll's	e a very grand doll show. People try to invent is creator will be awarded with a cash prize. So y. Knowing this competition, Mr.Lokpaul tried
	gs only when an even number	er is pressed and the number should not be zero
to create a doll that sing		er is pressed and the number should not be zero
to create a doll that sing and greater than 100. IF Lokpaul wins print		er is pressed and the number should not be zero
to create a doll that sing and greater than 100. IF Lokpaul wins print A=int(input())		er is pressed and the number should not be zero
to create a doll that sing and greater than 100. IF Lokpaul wins print A=int(input()) B=int(input())		er is pressed and the number should not be zero
to create a doll that sing and greater than 100. IF Lokpaul wins print A=int(input()) B=int(input()) C=int(input())		er is pressed and the number should not be zero
to create a doll that sing and greater than 100. IF Lokpaul wins print A=int(input()) B=int(input()) C=int(input()) D=int(input())		er is pressed and the number should not be zero
to create a doll that sing and greater than 100. IF Lokpaul wins print A=int(input()) B=int(input()) C=int(input())		er is pressed and the number should not be zero

put Given:	
-No of friends	
,P2,P3 AND P4-No of chocolates	
UTPUT:	
Γrue" if he can buy that packet and "False" if he can't buy that packet.	
AMPLE INPUT AND OUTPUT:	

9

OUTPUT

True False True False

Ex. No. : 2.3 Date:

Register No.: Name:

Birthday Party

Mr. X's birthday is in next month. This time he is planning to invite N of his friends. He wants to distribute some chocolates to all of his friends after the party. He went to a shop to buy a packet of chocolates. At the chocolate shop, 4 packets are there with different numbers of chocolates. He wants to buy such a packet which contains a number of chocolates, which can be distributed equally among all of his friends. Help Mr. X to buy such a packet.

```
a=int(input())
b=int(input())
c=int(input())
d=int(input())
e=int(input())
print(b%a==0,c%a==0,d%a==0,e%a==0)
```

Sample In	ıput	
3		
Sample C	utput:	
2		
Explanati		
The binai	ry representation of 3 is 011, hence there are 2 ones in it. so the output is 2.	

Ex. No. :	2.4	Date:	
	2.4	Date: Name:	
		Name:	
Register No.:	<u>Ha</u>	Name: mming Weight	
Register No.: Write a python progra	Haram that takes a inte	Name: mming Weight ger between 0 and 15 as input and o	displays the number of
Register No.: Write a python progra	Haram that takes a inte	Name: mming Weight ger between 0 and 15 as input and o	displays the number of
Register No.:	Haram that takes a inte	Name: mming Weight ger between 0 and 15 as input and o	displays the number of
Register No.: Write a python progra '1's in its binary form A=bin(int(input()))	Haram that takes a inte	Name: mming Weight ger between 0 and 15 as input and o	displays the number of

Sample	Input:				
10000					
	Output:				
Balance	e as of end of Y	Year 1: \$10400.00).		
Balance	e as of end of Y	Year 2: \$10816.00).		
Balance	e as of end of Y	Year 3: \$11248.64	1		

Ex. No.	:	2.5		1	Date:			
Register No.	:			Name:				
			Com	mound I	ntonost			
			Com	pound I	<u>mterest</u>	<u> </u>		

Pretend that you have just opened a new savings account that earns 4 percent interest per year. The interest that you earn is paid at the end of the year, and is added to the balance of the savings account. Write a program that begins by reading the amount of money deposited into the account from the user. Then your program should compute and display the amount in the savings account after 1, 2, and 3 years. Display each amount so that it is rounded to 2 decimal places.

a=float(input())

b1=a*1.04

b2=b1*1.04

b3=b2*1.04

print("Balance as of end of Year 1: \${:.2f}.".format(b1))
print("Balance as of end of Year 2: \${:.2f}.".format(b2))
print("Balance as of end of Year 3: \${:.2f}.".format(b3))

Input Format:

Input consists of two integers that correspond to the age and weight of a person respectively.

Output Format:

Display True(IF ELIGIBLE)

Display False (if not eligible)

19
45
Sample Output
True

Ex. No. : 2.6 Date:
Register No.: Name:

Eligible to donate blood

A team from the Rotract club had planned to conduct a rally to create awareness among the Coimbatore people to donate blood. They conducted the rally successfully. Many of the Coimbatore people realized it and came forward to donate their blood to nearby blood banks. The eligibility criteria for donating blood are people should be above or equal to 18 and his/ her weight should be above 40. There was a huge crowd and staff in the blood bank found it difficult to manage the crowd. So they decided to keep a system and ask the people to enter their age and weight in the system. If a person is eligible he/she will be allowed inside.

Write a program and feed it to the system to find whether a person is eligible or not.

A=int(input())

Sample Input

B=int(input())

Print(a>=18 and b>40)

Input Format:

An integer x, $0 \le x \le 1$.

Output Format:

output a single character "C" or "D" depending on the value of \boldsymbol{x} .

Input 1:

O

Output 1:

 \mathbf{C}

Input 2:

1

Output 1:

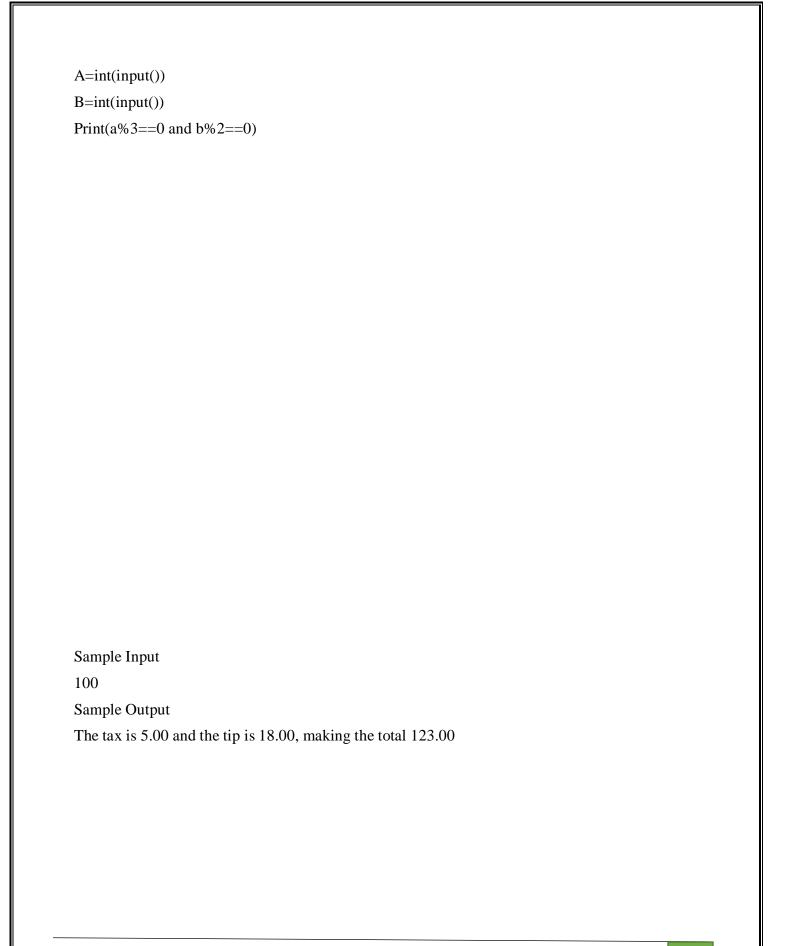
D

Ex. No. : 2.7	Date:
Register No.:	Name:
Register 110	rame.
	C on D
	C or D
0 or 1. IF 0 is the input he should display	elp him to solve it. The input of the program is either "C" if 1 is the input it should display "D". There is a logical operators or arithmetic operators to solve the
Hint:	
Use ASCII values of C and D.	
A=int(input())	

Print(chr(n+67))				
Input for	nat•				
	the total numbe	r of weapons			
	the total numbe				
Output I					
	e can be won pr	int True otherw	vise print False.		
Sample In	put:				
32					
43					
Sample O	ıtput:'				
False					

x. No. : 2.8 Date:	:	2.8	Date:	

In the 1800s, the battle of Troy was led by Hercules. He was a superstitious person. He believed that his crew can win the battle only if the total count of the weapons in hand is in multiple of 3 and the soldiers are in an even number of count. Given the total number of weapons and the soldier's count, Find whether the battle can be won or not according to Hercules's belief. If the battle can be won print True otherwise print False.



The program that you create for this exercise will begin by reading the cost of a meal ordered at a restaurant from the user. Then your program will compute the tax and tip for the meal. Use your local tax rate (5 percent) when computing the amount of tax owing. Compute the tip as 18 percent of the meal amount (without the tax). The output from your program should include the tax amount, the tip amount, and the grand total for the meal including both the tax and the tip. Format the output so that all of the values are displayed using two decimal places.

```
a=int(input()) tax=a*(5/100) tip=a*(18/100) total=tax+tip+a print("The tax is <math>\{:.2f\} and the tip is \{:.2f\}, making the total \{:.2f\}".format(tax,tip,total))
```

For example:

Input	Result
123	3

Ex. No.	:	2.10		Dat	e:				
Register No.	:			Name:					
	T	D - 4	14-1:	4 - C 41	.•	1			
	<u>T</u>	<u>keturn</u>	<u>last digi</u>	t of the	given	<u>numr</u>	<u>ber</u>		
Write a progr least significa								referred to th	e
The last digit	should	be returned	d as a positiv	ve number.					
For example,									
if the given n									
if the given n	umber i	is -197, the	last digit is	7					

a=abs(int(input()))			
b=a%10			
print((b))			