<https://www.codechef.com/practice/python>

* In Python, what statement do you use to output the number 42 to the screen?

Ans:- print(42)

* Write a program that takes a number 𝑁N as the input, and prints it to the output. The only line of input contains a single integer. Output the answer in a single line.

Ans:- N=input()

print(N)

* You want to input two integers, and output their sum.

Ans:- a, b = map(int, input().split())

c = a + b

print(c)

* What will the following code return as the output if the 1st line of input is 1 and the 2nd line of input is 2?

a = input()

b = input()

c = a + b

print(c)

Note: By default, the python input() function takes the user's input as a string.

Ans:- 12

* Chef has invented 1-minute Instant Noodles. As the name suggests, each packet takes exactly 1 minute to cook.

Chef's restaurant has X stoves and only 1 packet can be cooked in a single stove at any minute.

How many customers can Chef serve in Y minutes if each customer orders exactly 1 packet of noodles?

The first and only line of input contains two space-separated integers X and Y — the number of stoves and the number of minutes, respectively.

Print a single integer, the maximum number of customers Chef can serve in Y minutes

Ans:- X,Y=map(int, input().split())

print(X\*Y)

* In the new [CodeChef Learn module](https://www.codechef.com/learn?itm_medium=contest&itm_campaign=start86" \t "_blank), under the "Learn Problem Solving" section, there are two courses for each language. For eg. "Python Beginner - Part 1" and "Python Beginner - Part 2". These courses help you get started with CodeChef contests.

Currently there are courses for 4 languages, and hence there are 8 courses in this section. But suppose there are courses for 10 languages, what will be the total number of courses in this section?

Ans:-20

* In the new [CodeChef Learn module](https://www.codechef.com/learn?itm_medium=contest&itm_campaign=start86" \t "_blank), under the "Learn Problem Solving" section, there are two courses for each language. For eg. "Python Beginner - Part 1" and "Python Beginner - Part 2". These courses help you get started with CodeChef contests.Currently there are courses for 4 languages, and hence there are 8 courses in this section. But suppose there are courses for N languages, what will be the total number of courses in this section?

The only line of input will contain a single integer N, denoting the number of languages for which there are courses. Output on a single line the total number of courses in the section.

Ans:- N=int(input())

print(2\*N)

* In Python, what statement do you use to check whether a variable A is equal to 2?  
  And if it is, print 9.

Ans:- if a == 2:

print(9)

* In ChefLand, human brain speed is measured in bits per second (bps). Chef has a threshold limit of X bits per second above which his calculations are prone to errors. If Chef is currently working at Y bits per second, is he prone to errors?

If Chef is prone to errors print YES, otherwise print NO.

The only line of input contains two space separated integers X and Y — the threshold limit and the rate at which Chef is currently working at.

Ans:- x,y = map(int,input().split())

print("YES") if y>x else print("NO")

* Alice has scored 𝑋 marks in her test and Bob has scored 𝑌 marks in the same test.  
  Alice is happy if she scored at least twice the marks of Bob’s score.  
  Print "Yes" is she is happy.  
  Other wise print nothing.

Ans: if (X >= 2\*Y):

print("YES")

* Alice has scored X marks in her test and Bob has scored Y marks in the same test. Alice is happy if she scored at least twice the marks of Bob’s score. Determine whether she is happy or not. The first and only line of input contains two space-separated integers 𝑋,𝑌— the marks of Alice and Bob respectively.

For each testcase, print Yes if Alice is happy and No if she is not, according to the problem statement.

Ans:- x,y = map(int,input().split())

print("Yes") if x>= 2\*y else print("No")

* Chef defines a pair of positive integers (𝑎,𝑏)(a,b) to be a Oneful PairOneful Pair, if

𝑎+𝑏+(𝑎⋅𝑏)=111a+b+(a⋅b)=111

For example, (1,55)(1,55) is a Oneful PairOneful Pair, since 1+55+(1⋅55)=56+55=1111+55+(1⋅55)=56+55=111.  
But (1,56)(1,56) is not a Oneful PairOneful Pair, since 1+56+(1⋅56)=57+56=113≠1111+56+(1⋅56)=57+56=113=111.

Which of these pairs are Oneful PairOneful Pair?

Ans:- (1, 55)

(55, 1)

(7, 13)

* Chef defines a pair of positive integers (a,b) to be a Oneful Pair, if

𝑎+𝑏+(𝑎⋅𝑏)=111

For example, (1,55) is a Oneful Pair, since 1+55+(1⋅55)=56+55=111  
But (1,56) is not a Oneful Pair, since 1+56+(1⋅56)=57+56=113≠111

Given two positive integers 𝑎 and 𝑏, output Yes if they are a Oneful Pair. And No otherwise. The only line of input contains two space-separated integers 𝑎 and b. Output Yes, if (𝑎,𝑏) form a Oneful Pair. Output No if they do not.

Ans:- a,b = map(int,input().split())

print("Yes") if a+b+a\*b==111 else print("No")

* Rearrange the code so that the code prints the numbers from 1 to 10.

Ans:- i = 1

while i <= 10:

print(i)

i = i + 1

* Your task is very simple: given two integers A and B, write a program to add these two numbers and output the sum. The first line contains an integer T, the total number of test cases.Then follow T lines, each line contains two integers, A and B. For each test case, add A and B and display the sum in a new line.

Ans: t = int(input())

for i in range(t):

* a,b = map(int,input().split())

print(a+b)

Notes: To print on a new line in Python is by using multiple print statements. Each print statement in Python automatically adds a newline at the end.

* Chef and Chefina are playing with dice. In one turn, both of them roll their dice at once.

They consider a turn to be good if the sum of the numbers on their dice is greater than 66.  
Given that in a particular turn Chef and Chefina got X and 𝑌 on their respective dice, select the options which are good turns

Ans:- X = 3, Y = 4

X = 4, Y = 4

* Chef and Chefina are playing with dice. In one turn, both of them roll their dice at once.

They consider a turn to be good if the sum of the numbers on their dice is greater than 66.  
Given that in a particular turn Chef and Chefina got X and 𝑌 on their respective dice, find whether the turn was good. The first line of input will contain a single integer T, denoting the number of test cases.

Each test case contains two space-separated integers X and Y — the numbers Chef and Chefina got on their respective dice.

For each test case, output on a new line, YES, if the turn was good and NO otherwise.

Ans: t = int(input())

for i in range(0,t):

x,y = map(int,input().split())

print("YES") if x+y>6 else print("NO")

* Recently, Chef visited his doctor. The doctor advised Chef to drink at least 2000 ml of water each day.

Chef drank X ml of water today. Select the options where Chef followed the doctor's advice.

Ans: X = 2000

X = 2001

* Recently, Chef visited his doctor. The doctor advised Chef to drink at least 2000 ml of water each day.

Chef drank X ml of water today. Determine if Chef followed the doctor's advice or not.

The first line contains a single integer T — the number of test cases. Then the test cases follow.

The first and only line of each test case contains one integer X — the amount of water Chef drank today.

For each test case, output YES if Chef followed the doctor's advice of drinking at least 2000 ml of water. Otherwise, output NO.

Ans: t = int(input())

for i in range(0,t):

x = int(input())

print("YES") if x>=2000 else print("NO")

* According to a recent survey, Biryani is the most ordered food. Chef wants to learn how to make world-class Biryani from a MasterChef. Chef will be required to attend the MasterChef's classes for X weeks, and the cost of classes per week is Y coins. What is the total amount of money that Chef will have to pay? The first line of input will contain an integer T — the number of test cases. The description of T test cases follows.

The first and only line of each test case contains two space-separated integers X and Y, as described in the problem statement.

For each test case, output on a new line the total amount of money that Chef will have to pay.

Ans: t = int(input())

for i in range(t):

X,Y= map(int,input().split())

m=X\*Y

print(m)

* Chef is fond of burgers and decided to make as many burgers as possible.

Chef has 𝐴 patties and 𝐵 buns. To make 1 burger, Chef needs 1 patty and 1 bun.  
Find the maximum number of burgers that Chef can make.

The first line of input will contain an integer T — the number of test cases. The description of T test cases follows.

The first and only line of each test case contains two space-separated integers A and B, the number of patties and buns respectively.

For each test case, output the maximum number of burgers that Chef can make.

Ans: t=int(input())

for i in range(t):

a,b=map(int,input(). split (' '))

print(min(a,b))

* Alice and Bob were having an argument about which of them is taller than the other. Charlie got irritated by the argument, and decided to settle the matter once and for all.

Charlie measured the heights of Alice and Bob, and got to know that Alice's height is X centimeters and Bob's height is Y centimeters. Help Charlie decide who is taller.

It is guaranteed that 𝑋≠𝑌.

The first line of input will contain an integer T — the number of test cases. The description of T test cases follows.

The first and only line of each test case contains two integers X and Y, as described in the problem statement.

For each test case, output on a new line A if Alice is taller than Bob, else output B. The output is case insensitive, i.e, both A and a will be accepted as correct answers when Alice is taller.

Ans:- for i in range(int(input())):

A,B=map(int,input().split())

print('A') if A>B else print('B')

* Chef's son wants to go on a roller coaster ride. The height of Chef's son is 𝑋 inches while the minimum height required to go on the ride is 𝐻 inches. Determine whether he can go on the ride or not. The first line contains a single integer 𝑇 - the number of test cases. Then the test cases follow.

The first and only line of each test case contains two integers 𝑋 and 𝐻 - the height of Chef's son and the minimum height required for the ride respectively.

For each test case, output in a single line, YES if Chef's son can go on the ride. Otherwise, output NO.

Ans:- n = int(input())

for i in range(n):

X, H = map(int, input().split())

print("YES") if X >= H else print("NO")

* Chef and his girlfriend go on a date. Chef took *X* dollars with him, and was quite sure that this would be enough to pay the bill. At the end, the waiter brought a bill of *Y* dollars. Print "YES" if Chef has enough money to pay the bill, or "NO" if he has to borrow from his girlfriend and leave a bad impression on her. The first line of input will contain a single integer *T*, denoting the number of test cases.Each test case consists of a single line of input, containing two space-separated integers *X* and *Y*.For each test case, output on a new line "YES" if Chef has enough money to pay the bill and "NO" otherwise.

Ans:- a=int(input())

for i in range(a):

b,c=map(int,input().split())

print('Yes') if(c<=b) else print('No')

* Harsh was recently gifted a book consisting of 𝑁*N* pages. Each page contains exactly 𝑀*M* words printed on it. As he was bored, he decided to count the number of words in the book. Help Harsh find the total number of words in the book. The first line of input will contain a single integer 𝑇*T*, denoting the number of test cases.

Each test case consists of two space-separated integers on a single line, 𝑁*N* and 𝑀*M* — the number of pages and the number of words on each page, respectively.For each test case, output on a new line, the total number of words in the book.

Ans: T=int(input())

for i in range(T):

N,M=map(int,input().split())

print(N\*M)