

Activities Brave Web Browser

Aug 15 7:15 PM

Problem_Solving_Problem_S Counting Words Practice

codechef.com/problems/CNTWRD

Difficulty: 296 Expand

Statement Hints Submissions Solution AI Help

C++ NEW

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int n,m;
10        cin >> n >> m;
11        cout << n*m << endl;
12    }
13}
14
15
16
17
```

Counting Words

Harsh was recently gifted a book consisting of N pages. Each page contains exactly 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.

Input Format

- The first line of input will contain a single integer T , denoting the number of test cases.
- Each test case consists of two space-separated integers on a single line, N and M — the number of pages and the number of words on each page, respectively.

Output Format

For each test case, output on a new line, the total number of words in the book.

Constraints

- $1 \leq T \leq 100$
- $1 \leq N \leq 100$
- $1 \leq M \leq 100$

Sample 1:

Input	Output
4 1 1 4 2 2 4 95 42	1 8 8 3990

Test against Custom Input

```
4
1 1
4 2
2 4
```

Correct Answer Submission ID: 1182417751

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Activities Brave Web Browser

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Problem_Solving_Problem_S | codechef.com/problems/PRIZEPOOL

Difficulty: 296

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Total Prize Money

In a coding contest, there are prizes for the top rankers. The prize scheme is as follows:

- Top 10 participants receive rupees X each.
- Participants with rank 11 to 100 (both inclusive) receive rupees Y each.

Find the total prize money over all the contestants.

Input Format

- First line will contain T , number of test cases. Then the test cases follow.
- Each test case contains of a single line of input, two integers X and Y - the prize for top 10 rankers and the prize for ranks 11 to 100 respectively.

Output Format

For each test case, output the total prize money over all the contestants.

Constraints

- $1 \leq T \leq 1000$
- $1 \leq Y \leq X \leq 1000$

Sample 1:

Input	Output
4	19000
1000 100	100000
1000 1000	890
80 1	6700
400 30	

Code Editor

```
#include <bits/stdc++.h>
using namespace std;
int main() {
    // your code goes here
    int t;
    cin >> t;
    while(t--){
        int x,y;
        cin >> x >> y;
        cout << (10*x) + (90*y) << endl;
    }
}
```

Test against Custom Input

```
4
1000 100
1000 1000
80 1
```

Correct Answer Submission ID: 1182416953

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Activities Brave Web Browser Aug 15 7:11 PM

Problem_Solving_Problem_S | Counting Words Practice Code | Total Prize Money Practice Code | Parity Practice Coding Problem +

codechef.com/problems/PAR2

Difficulty: 295 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Parity

Ashu and Arvind participated in a coding contest, as a result of which they received N chocolates. Now they want to divide the chocolates between them **equally**.

Can you help them by deciding if it is possible for them to divide all the N chocolates in such a way that they each get an **equal number** of chocolates?

You cannot break a chocolate in two or more pieces.

Input Format

- The first line of input will contain a single integer T , denoting the number of test cases.
- The first and only line of each test case contains a single integer N — the number of chocolates they received.

Output Format

For each test case output the answer on a new line — "Yes" (without quotes) if they can divide chocolates between them equally, and "No" (without quotes) otherwise.

Each letter of the output may be printed in either uppercase or lowercase, i.e, "Yes", "YES", and "yEs" will all be treated as equivalent.

Constraints

- $1 \leq T \leq 10$
- $1 \leq N \leq 10$

Sample 1:

Input	Output
4 10	Yes Yes

C++ code:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int n;
10        cin >> n;
11        if(n % 2 == 0)
12            cout << "yes\n";
13        else
14            cout << "no\n";
15    }
16 }
17
18 }
```

Test against Custom Input

```
4
10
4
3
```

Correct Answer Submission ID: 1182416849

Sub-Task	Task #	Result (time)
Correct	Ctrl+C / %	

Run Submit Visualize Code

Activities Brave Web Browser Aug 15 7:10 PM

Problem_Solving_Problem_S | Counting Words Practice Code | Total Prize Money Practice Code | Parity Practice Coding Problem | Chef On Date Practice Code +

codechef.com/problems/CHEFONDATE

Difficulty: 294 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Chef On Date

Chef and his girlfriend went 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.

Input Format

- 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 .

Output Format

For each test case, output on a new line "YES" if Chef has enough money to pay the bill and "NO" otherwise.

You may print each character of the string in either uppercase or lowercase (for example, the strings "yEs", "yes", "Yes" and "YES" will all be treated as identical).

Constraints

- $1 \leq T \leq 100$
- $1 \leq X, Y \leq 100$

Sample 1:

Input	Output
4	YES
1 1	NO
1 2	YES
2 1	NO
50 100	

C++ code:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int x,y;
10        cin >> x >> y;
11
12        if(x >= y)
13            cout << "yes\n";
14        else
15            cout << "no\n";
16    }
17 }
```

Test against Custom Input

```
4
1 1
1 2
2 1
```

Correct Answer Submission ID: 1182416772

Sub-Task	Task #	Result (time)
		Correct

Run Submit Visualize Code

Activities Brave Web Browser Aug 15 7:10 PM

Problem_Solving_Problem_S | CC Counting Words Practice Cod | CC Total Prize Money Practice CC | CC Parity Practice Coding Problem | CC Chef On Date Practice Coding | CC Candy Division Practice CC +

codechef.com/problems/CANDIVIDE

Difficulty: 289 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Candy Division

There are three friends and a total of N candies.

There will be a fight amongst the friends if all of them do not get the same number of candies.

Chef wants to divide all the candies such that there is no fight. Find whether such distribution is possible.

Input Format

- The first line of input will contain a single integer T , denoting the number of test cases.
- Each test case consists of a single integer N - the number of candies.

Output Format

For each test case, output YES, if we can distribute all the candies between the three friends equally. Otherwise output NO.

You can output each character of the answer in uppercase or lowercase. For example, the strings YES, yes, Yes, and YES are considered the same.

Constraints

- $1 \leq T \leq 100$
- $1 \leq N \leq 100$

Sample 1:

Input	Output
4	YES
3	NO
4	NO
2	YES
6	

1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5 // your code goes here
6 int t;
7 cin >> t;
8 while(t--){
9 int n;
10 cin >> n;
11 if(n % 3 == 0)
12 cout << "YES\n";
13 else
14 cout << "NO\n";
15 }
16}
17
18}
19}

Test against Custom Input

```
4
3
4
2
```

Correct Answer Submission ID: 1182416712

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Activities Brave Web Browser Aug 15 7:09 PM

Problem_Solving_Problem_S | CC Counting Words Practice Cod | CC Total Prize Money Practice CC | CC Parity Practice Coding Problem | CC Chef On Date Practice Coding | CC Candy Division Practice Cod | CC Chef and Brain Speed Pre x + - ↻ ×

codechef.com/problems/CBSPEED

Difficulty: 288 Expand ▾

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Chef and Brain Speed

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.

Input Format

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.

Output Format

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

You may print each character of the string in uppercase or lowercase (for example, the strings yes, Yes, yEs, and YES will all be treated as identical).

Constraints

- $1 \leq X, Y \leq 100$

Sample 1:

Input	Output
7 9	YES

Explanation:

Chef's current brain speed of 9 bps is greater than the threshold of 7 bps, hence Chef is prone to errors.

C++ Test against Custom Input

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int x,y;
6     cin>>x>>y;
7     // your code goes here
8     if(y > x)
9         cout << "YES\n";
10    else
11        cout << "NO\n";
12    return 0;
13 }
```

Correct Answer Submission ID: 1182416465

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Activities Brave Web Browser Aug 15 7:09 PM

Problem_Solving_Problem | CC Counting Words Practice | CC Total Prize Money Practice | CC Parity Practice Coding Pr | CC Chef On Date Practice CC | CC Candy Division Practice C | CC Chef and Brain Speed Pr | CC CodeChef Learn Prob X + - ↻ ×

codechef.com/problems/CCLEARN

Difficulty: 287 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

CodeChef Learn Problem Solving

In the new [CodeChef Learn module](#), 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?

Input Format

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

Output Format

Output on a single line the total number of courses in the section.

Constraints

- $1 \leq N \leq 100$

Sample 1:

Input	Output
4	8

Explanation:

If there are 4 languages, then there will be $2 * 4 = 8$ courses in total.

Sample 2:

CLEARN

Test against Custom Input

```
4
```

Correct Answer

Submission ID: 1182416413

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int n;
7     cin >> n;
8     cout << 2*n << endl;
9 }
10
```

Activities Brave Web Browser Aug 15 7:08 PM

Problem_Solving_Pro | cc Counting Words Pract | cc Total Prize Money Pract | cc Parity Practice Coding | cc Chef On Date Pract | cc Candy Division Pract | cc Chef and Brain Speed | cc CodeChef Learn Problem | cc Roller Coaster Pract + - ↻ ×

codechef.com/problems/MINHEIGHT

Difficulty: 285 Expand ▾

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Roller Coaster

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.

Input Format

- 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.

Output Format

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

You may print each character of YES and NO in uppercase or lowercase (for example, yes, yes, Yes will be considered identical)

Constraints

- $1 \leq T \leq 1000$
- $1 \leq X, H \leq 100$

Sample 1:

Input	Output
4	NO
15 20	YES
50 48	YES
32 32	NO
38 39	

Explanation:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int x,h;
10        cin >> x >> h;
11        if(x >= h)
12            cout << "YES\n";
13        else
14            cout << "NO\n";
15    }
16
17 }
18
19 }
```

Test against Custom Input

```
4
15 20
50 48
32 32
```

Correct Answer Submission ID: 1182416288

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Activities Brave Web Browser Aug 15 7:08 PM

Problem_Solving_ | CC Counting Words Pr | CC Total Prize Money | CC Parity Practice Cod | CC Chef On Date Pract | CC Candy Division Pre | CC Chef and Brain Sp | CC CodeChef Learn Pr | CC Roller Coaster Pr | CC Best of Two Pr | +

codechef.com/problems/BESTOFTWO

Difficulty: 284 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Best of Two

Chef took an examination two times. In the first attempt, he scored X marks while in the second attempt he scored Y marks. According to the rules of the examination, the best score out of the two attempts will be considered as the final score.

Determine the final score of the Chef.

Input Format

- The first line contains a single integer T — the number of test cases. Then the test cases follow.
- The first line of each test case contains two integers X and Y — the marks scored by Chef in the first attempt and second attempt respectively.

Output Format

For each test case, output the final score of Chef in the examination.

Constraints

- $1 \leq T \leq 1000$
- $0 \leq X, Y \leq 100$

Sample 1:

Input	Output
4 40 60 67 55 50 50 1 100	60 67 50 100

Test against Custom Input

```
4
40 60
67 55
50 50
```

Correct Answer Submission ID: 1182416215

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     // your code goes here
7     int t;
8     cin >> t;
9     while(t--){
10         int x,y;
11         cin >> x >> y;
12         cout << max(x,y) << endl;
13     }
14 }
15
16 }
```

Activities Brave Web Browser Aug 15 7:07 PM

Problem_Solving Counting Words Total Prize Money Parity Practice Chef On Date Candy Division Chef and Brain CodeChef Learn Roller Coaster Best of Two Pairs Reach the Target

codechef.com/problems/REACHTARGET

Difficulty: 281 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Reach the Target

There is a cricket match going on between two teams *A* and *B*.

Team *B* is batting second and got a target of *X* runs. Currently, team *B* has scored *Y* runs. Determine how many more runs Team *B* should score to win the match.

Note: The target score in cricket matches is one more than the number of runs scored by the team that batted first.

Input Format

- The first line of input will contain a single integer *T*, denoting the number of test cases.
- Each test case consists of two space-separated integers *X* and *Y*, the target for team *B* and the current score of team *B* respectively.

Output Format

For each test case, output how many more runs team *B* should score to win the match.

Constraints

- $1 \leq T \leq 10$
- $50 \leq Y < X \leq 200$

Sample 1:

Input	Output
4 200 50 100 99 130 97 53 51	150 1 33 2

C++ code editor:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int x,y;
10        cin >> x >> y;
11        cout << x-y << endl;
12    }
13}
14
15
16
17
```

Test against Custom Input:

```
4
200 50
100 99
130 97
```

Result:

Sub-Task	Task #	Result (time)
		Correct

Submission ID: 1182416139

Run Submit Visualize Code

Activities Brave Web Browser Aug 15 7:07 PM

Problem_Solving Counting Words Total Prize Mo Parity Practice Chef On Date Candy Division Chef and Brain CodeChef Leader Roller Coaster Best of Two Problem Reach the Target Who is taller

codechef.com/problems/TALLER

Difficulty: 281 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode > Who is taller!

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 $X \neq Y$.

Input Format

- 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.

Output Format

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.

Constraints

- $1 \leq T \leq 1000$
- $100 \leq X, Y \leq 200$
- $X \neq Y$

Sample 1:

Input	Output
2 150 160 160 150	B A

C++ code:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int x,y;
10        cin >> x >> y;
11
12        if(x > y)
13            cout << "A" << endl;
14        else
15            cout << "B" << endl;
16    }
17
18 }
19
20 }
```

Test against Custom Input

```
2
150 160
160 150
```

Correct Answer Submission ID: 1182415583

Sub-Task	Task #	Result (time)
		Correct

Run Submit Visualize Code

Activities Brave Web Browser

Aug 15 7:00 PM

Problem_Solving_Problem_S Reach on Time Practice codechef.com/problems/TIMELY

Difficulty: 279 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Reach on Time

Chef has recently moved into an apartment. It takes 30 minutes for Chef to reach office from the apartment.

Chef left for the office X minutes before Chef was supposed to reach. Determine whether or not Chef will be able to reach on time.

Input Format

- The first line of input will contain a single integer T , denoting the number of test cases.
- Each test case consists of a single integer X .

Output Format

For each test case, output YES if Chef will reach on time, NO otherwise.

The output is case-insensitive. Thus, the strings YES, yes, yes, and Yes are all considered the same.

Constraints

- $1 \leq T \leq 60$
- $1 \leq X \leq 60$

Sample 1:

Input	Output
6	YES
30	YES
60	NO
14	NO
29	YES
31	YES
42	YES

C++ Code:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     int t;
6     cin >> t;
7     while(t--){
8         int x;
9         cin >> x;
10        if(x >= 30)
11            cout << "YES\n";
12        else
13            cout << "NO\n";
14    }
15 }
16
17 }
```

Test against Custom Input

```
6
30
60
14
```

Correct Answer Submission ID: 1182414599

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Activities Brave Web Browser

Aug 15 7:00 PM

Problem_Solving_Problem_S | Reach on Time Practice Code | Audible Range Practice

codechef.com/problems/AUDIBLE

Difficulty: 279 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Audible Range

Chef's dog *binary* hears frequencies starting from 67 Hertz to 45000 Hertz (both inclusive).

If Chef's commands have a frequency of X Hertz, find whether *binary* can hear them or not.

Input Format

- The first line of input will contain a single integer T , denoting the number of test cases.
- Each test case consists of a single integer X - the frequency of Chef's commands in Hertz.

Output Format

For each test case, output on a new line `YES`, if *binary* can hear Chef's commands. Otherwise, print `NO`.

The output is case-insensitive. Thus, the strings `YES`, `yes`, `yesS`, and `Yes` are all considered the same.

Constraints

- $1 \leq T \leq 10^4$
- $1 \leq X \leq 10^6$

Sample 1:

Input	Output
5	NO
42	YES
67	YES
402	YES
45000	NO
45005	NO

Test against Custom Input

```
5
42
67
402
```

Correct Answer Submission ID: 1182414474

Sub-Task	Task #	Result (time)
		Correct

Ctrl+C / % Run Submit

Explanation:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int x;
10        cin >> x;
11        if(x >= 67 && x <=45000)
12            cout << "YES\n";
13        else
14            cout << "NO\n";
15    }
16 }
17 }
```

Activities Brave Web Browser Aug 15 6:59 PM

Problem_Solving_Problem_S | Re却 on Time Practice Codin | Audible Range Practice Codin Tax in Chefland Practice C +

codechef.com/problems/TAXES

Difficulty: 276 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode > Tax in Chefland

In Chefland, a tax of rupees 10 is deducted if the total income is **strictly greater** than rupees 100.

Given that total income is X rupees, find out how much money you get.

Input Format

- The first line of input will contain a single integer T , denoting the number of test cases.
- The first and only line of each test case contains a single integer X — your total income.

Output Format

For each test case, output on a new line, the amount of money you get.

Constraints

- $1 \leq T \leq 100$
- $1 \leq X \leq 1000$

Sample 1:

Input	Output
4	5
5	95
105	91
101	100
100	

Test against Custom Input

```
4
5
105
101
```

Correct Answer Submission ID: 1182414422

Visualize Code Run Submit

```
#include <bits/stdc++.h>
using namespace std;
int main() {
    // your code goes here
    int t;
    cin >> t;
    while(t--){
        int x;
        cin >> x;
        if(x > 100){
            cout << x-10 << endl;
        }else{
            cout << x << endl;
        }
    }
}
```

Activities Brave Web Browser Aug 15 6:59 PM

Problem_Solving_Problem_S | Reach on Time Practice Codir | Audible Range Practice Codir | Tax in Chefland Practice Codir Kitchen Timings Practice +

codechef.com/problems/KITCHENTIME

Difficulty: 273 Expand

Statement **Hints** **Submissions** **Solution** **AI Help**

C++

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int x,y;
10        cin >> x >> y;
11        cout << y-x << endl;
12    }
13 }
14
15 }
```

Kitchen Timings

The working hours of Chef's kitchen are from X pm to Y pm ($1 \leq X < Y \leq 12$).

Find the number of hours Chef works.

Input Format

- The first line of input will contain a single integer T , denoting the number of test cases.
- Each test case consists of two space-separated integers X and Y — the starting and ending time of working hours respectively.

Output Format

For each test case, output on a new line, the number of hours Chef works.

Constraints

- $1 \leq T \leq 100$
- $1 \leq X < Y \leq 12$

Sample 1:

Input	Output
4 1 2 3 7 9 11 2 10	1 4 2 8

Explanation:

Test case 1: Chef starts working at 1 pm and works till 2 pm. Thus, he works for 1 hour.

Test against Custom Input

```
4
1 2
3 7
9 11
```

Correct Answer Submission ID: 1182414244

Sub-Task	Task #	Result (time)
		Correct

Ctrl+C / % Run Submit

Visualize Code

Activities Brave Web Browser

Aug 15 6:57 PM

Problem_Solving_Problem_S IPL Ticket Rush Practice

codechef.com/problems/IPLTRSH

Difficulty: 273 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

IPL Ticket Rush

DAIICIT college students want to attend an IPL match.

A total of N students from the college want to go while only M tickets are available for the match.

Determine how many students won't be able to book tickets.

Input Format

- The first line of input will contain a single integer T , denoting the number of test cases.
- Each test case consists of two space-separated integers N and M — the number of students wants to go and the total number of tickets available, respectively.

Output Format

For each test case, output on a new line the number of students who won't be able to book tickets.

Constraints

- $1 \leq T \leq 1000$
- $1 \leq N, M \leq 10^5$

Sample 1:

Input	Output
4	2
5 3	0
5 7	3
4 1	0
8 8	

Test against Custom Input

```
4
5 3
5 7
4 1
```

Correct Answer Submission ID: 1182413583

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int n,m;
10        cin >> n >> m;
11
12        if(n > m){
13            cout << n-m << endl;
14        }else{
15            cout << 0 << endl;
16        }
17    }
18
19
20
21 }
```

Activities Brave Web Browser

Aug 15 6:55 PM

Problem_Solving_Problem_S | cc IPL Ticket Rush Practice Code Determine the Score Practice +

codechef.com/problems/DETSCORE

Difficulty: 267 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Determine the Score

Chef appeared for a placement test.

There is a problem worth X points. Chef finds out that the problem has exactly 10 test cases. It is known that each test case is worth the same number of points.

Chef passes N test cases among them. Determine the score Chef will get.

NOTE: See sample explanation for more clarity.

Input Format

- First line will contain T , number of test cases. Then the test cases follow.
- Each test case contains of a single line of input, two integers X and N , the total points for the problem and the number of test cases which pass for Chef's solution.

Output Format

For each test case, output the points scored by Chef.

Constraints

- $1 \leq T \leq 100$
- $10 \leq X \leq 200$
- $0 \leq N \leq 10$
- X is a multiple of 10.

Sample 1:

Input	Output
4	3
10 3	100
100 10	52

1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5 // your code goes here
6 int t;
7 cin >> t;
8 while(t--){
9 int x,n;
10 cin >> x >> n;
11 cout << (x/10)*n << endl;
12 }
13
14 }
15
16

Test against Custom Input

```
4
10 3
100 10
130 4
```

Correct Answer Submission ID: 1182413503

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Activities Brave Web Browser

Aug 15 6:55 PM

Problem_Solving_Problem_S | IPL Ticket Rush Practice Code | Determine the Score Practice | Water Consumption Practice

codechef.com/problems/WATERCONS

Difficulty: 254 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Water Consumption

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.

Input Format

- 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.

Output Format

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

You may print each character of the string in uppercase or lowercase (for example, the strings **YES**, **yEs**, **yes**, and **yeS** will all be treated as identical).

Constraints

- $1 \leq T \leq 2000$
- $1 \leq X \leq 4000$

Sample 1:

Input	Output
3 2999 1450 2000	YES NO YES

Test against Custom Input

```
3
2999
1450
2000
```

Correct Answer Submission ID: 1182413431

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Explanation:

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int t;
6     cin>>t;
7     while(t--){
8         int x;
9         cin>>x;
10        // your code goes here
11        if(x<=2000)
12            cout << "YES\n";
13        else
14            cout << "NO\n";
15    }
16    return 0;
17 }
18 }
```

Activities Brave Web Browser Aug 15 6:54 PM

Problem_Solving_Problem_S | IPL Ticket Rush Practice Cod | Determine the Score Practice | Water Consumption Practice | Biryani classes Practice +

codechef.com/problems/BIRYANI

Difficulty: 257 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Biryani classes

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?

Input Format

- 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.

Output Format

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

Constraints

- $1 \leq T \leq 10^4$
- $1 \leq X, Y \leq 100$

Sample 1:

Input	Output
4 1 10 1 15 2 10 2 15	10 15 20 30

C++ code editor:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin>>t;
8     while(t--){
9         int x,y;
10        cin>>x>>y;
11        cout << x*y << endl;
12    }
13
14
15 }
```

Test against Custom Input:

```
4
1 10
1 15
2 10
```

Result: Correct Answer Submission ID: 1182413363

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Activities Brave Web Browser

Aug 15 6:53 PM

Problem_Solving_Problem_S Fitness Practice Coding P + codechef.com/problems/FIT

Difficulty: 258 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Fitness

Chef wants to become fit for which he decided to walk to the office and return home by walking. It is known that Chef's office is X km away from his home.

If his office is open on 5 days in a week, find the number of kilometers Chef travels through office trips in a week.

Input Format

- First line will contain T , number of test cases. Then the test cases follow.
- Each test case contains of a single line consisting of single integer X .

Output Format

For each test case, output the number of kilometers Chef travels through office trips in a week.

Constraints

- $1 \leq T \leq 10$
- $1 \leq X \leq 10$

Sample 1:

Input	Output
4	10
1	30
3	70
7	100
10	

Explanation:

Test case 1: The office is 1 km away. Thus, to go to the office and come back home, Chef has to walk 2 km.

Test against Custom Input

```
4
1
3
7
```

Correct Answer Submission ID: 1182413117

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     int t;
6     cin>>t;
7     while(t--){
8         int x;
9         cin>>x;
10        cout << 10*x << endl;
11    }
12 }
13 }
```

Activities Brave Web Browser

Aug 15 6:53 PM

Problem_Solving_Problem_S | cc Fitness Practice Coding Prob | cc Chef Plays Ludo Practice | +

codechef.com/problems/LUDO

Difficulty: 260 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Chef Plays Ludo

Chef is playing Ludo. According to the rules of Ludo, a player can enter a new token into the play only when he rolls a 6 on the die.

In the current turn, Chef rolled the number X on the die. Determine if Chef can enter a new token into the play in the current turn or not.

Input Format

- 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 number rolled by the Chef on the die.

Output Format

For each test case, output YES if the Chef can enter a new token in the game. Otherwise, output NO.

You may print each character of YES and NO in uppercase or lowercase (for example, yes, yEs, Yes will be considered identical).

Constraints

- $1 \leq T \leq 6$
- $1 \leq X \leq 6$

Sample 1:

Input	Output
3 1 6 3	NO YES NO

C++ Code:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     int t;
6     cin >> t;
7     while(t--){
8         int x;
9         cin >> x;
10        if(x == 6)
11            cout << "YES\n";
12        else
13            cout << "NO\n";
14    }
15 }
16
17 }
```

Test against Custom Input:

```
3
1
6
3
```

Result:

Correct Answer

Submission ID: 1182413041

Sub-Task	Task #	Result (time)
		Correct

Ctrl+C / % Run Submit

Visualize Code

Activities Brave Web Browser Aug 15 6:53 PM

Problem_Solving_Problem_S | cc Fitness Practice Coding Prob | cc Chef Plays Ludo Practice Cod | cc Burgers Practice Coding F +

codechef.com/problems/BURGERS

Difficulty: 263 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Burgers

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.

Input Format

- 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.

Output Format

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

Constraints

- $1 \leq T \leq 1000$
- $1 \leq A, B \leq 10^5$

Sample 1:

Input	Output
4	2
2 2	2
2 3	2
3 2	17
23 17	

Test against Custom Input

```
4
2 2
2 3
3 2
```

Correct Answer Submission ID: 1182412964

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int a,b;
10        cin >> a >> b;
11        cout << min(a,b) << endl;
12    }
13
14 }
```

Activities Brave Web Browser

Aug 15 6:52 PM

Problem_Solving_Problem_S | cc Fitness Practice Coding Prob | cc Chef Plays Ludo Practice Cod | cc Burgers Practice Coding Prob | cc How many unattempted | +

codechef.com/problems/PRALIST

Difficulty: 264 Expand

Statement Hints Submissions Solution AI Help

C++

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int x,y;
7     cin >> x >> y;
8     cout << x-y << endl;
9 }
10
11
```

Switch to AI Tutor Mode > NEW

How many unattempted problems

CodeChef recently revamped its [practice page](#) to make it easier for users to identify the next problems they should solve by introducing some new features:

- Recent Contest Problems - contains only problems from the last 2 contests
- Separate Un-Tried, Attempted, and All tabs
- Problem Difficulty Rating - the Recommended dropdown menu has various difficulty ranges so that you can attempt the problems most suited to your experience
- Popular Topics and Tags

Our Chef is currently practicing on CodeChef and is a beginner. The count of 'All Problems' in the Beginner section is X . Our Chef has already 'Attempted' Y problems among them. How many problems are yet 'Un-attempted'?

Input Format

- The first and only line of input contains two space-separated integers X and Y — the count of 'All problems' in the Beginner's section and the count of Chef's 'Attempted' problems, respectively.

Output Format

Output a single integer in a single line — the number of problems that are yet 'Un-attempted'

Constraints

- $1 \leq Y \leq X \leq 1000$

Subtasks

- Subtask 1 (100 points):**
 - Original constraints.

Sample 1:

Test against Custom Input

```
10 4
```

Correct Answer

Submission ID: 1182412866

Sub-Task	Task #	Result (time)
		Correct

Visualize Code Run Submit

Activities Brave Web Browser

Aug 15 6:51 PM

Problem_Solving_Problem_S Saving Taxes Practice Code

codechef.com/problems/TAXSAVING

Difficulty: 252 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode >

Saving Taxes

In Chefland, everyone who earns **strictly more than Y** rupees per year, has to pay a tax to Chef. Chef has allowed a special scheme where you can invest any amount of money and claim exemption for it.

You have earned X ($X > Y$) rupees this year. Find the **minimum** amount of money you have to invest so that you don't have to pay taxes this year.

Input Format

- 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 consisting of two space separated integers X and Y denoting the amount you earned and the amount above which you will have to pay taxes.

Output Format

For each test case, output a single integer, denoting the minimum amount you need to invest.

Constraints

- $1 \leq T \leq 100$
- $1 \leq Y < X \leq 100$

Sample 1:

Input	Output
4	2
4 2	1
8 7	4
5 1	1
2 1	

Explanation:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     int t;
7     cin >> t;
8     while(t--){
9         int x,y;
10        cin >> x >> y;
11        cout << abs(x-y) << endl;
12    }
13}
14
15 }
```

Test against Custom Input

```
4
4 2
8 7
5 1
```

Correct Answer Submission ID: 1182412711

Sub-Task	Task #	Result (time)
		Correct

Run Submit Visualize Code

Activities Brave Web Browser Aug 15 6:51 PM

Problem_Solving_Problem_S | Practice problem - Age Limit + codechef.com/learn/course/cpp-beginner/BC00BC09/problems/CSC02A

Difficulty: 245

Statement Submissions Solution Help C++

Practice problem - Age Limit

Best way to learn - practice and solve problems based on the concept!!!

Chef wants to appear in a competitive exam. To take the exam, there are following requirements:

- Minimum age limit is X (i.e. Age should be **greater than or equal** to X).
- Age should be **strictly less** than Y .

Chef's current Age is A . Find whether he is currently eligible to take the exam or not.

Input Format

- First line will contain T , number of test cases. Then the test cases follow.
- Each test case consists of a single line of input, containing three integers X , Y , and A as mentioned in the statement.

Output Format

- For each test case, output **YES** if Chef is eligible to give the exam, **NO** otherwise.

Sample 1:

Input	Output
2 21 34 30 25 31 31	YES NO

Explanation:

Test case 1: The age of Chef is 30. His age satisfies the minimum age limit as $30 \geq 21$. Also, it is less than the upper limit as $30 < 34$. Thus, Chef is eligible to take the exam.

Test case 2: The age of Chef is 31. His age satisfies the minimum age limit as $31 \geq 25$. But, it is not less than the upper limit as $31 \not< 31$. Thus, Chef is not eligible to take the exam.

Did you like the problem?
6 users found this helpful

Visualize Code Run Submit Next

```
6 int main()
7 {
8     int t;
9     cin>>t;
10    while(t--)
11    {
12        int X,Y,A;
13        //Accept 3 integers inputs.
14        cin>>X>>Y>>A;
15
16        if(A >= X && A < Y){
17            cout << "YES\n";
18        }else{
19            cout << "NO\n";
20        }
21
22
23
24
25    return 0;
26
27 }
```

Test against Custom Input

```
2
21 34 30
25 31 31
```

Sample Input

```
2
21 34 30
25 31 31
```

Your Output

```
YES
NO
```

Visualize Code Run Submit Next

Activities Brave Web Browser

Aug 15 6:50 PM

Problem_Solving_Problem_S Add Two Numbers Practice + codechef.com/problems/FLOW001

Difficulty: 242 Expand

Statement Hints Submissions Solution AI Help C++ NEW

Switch to AI Tutor Mode > NEW

Add Two Numbers

Your task is very simple: given two integers A and B , write a program to add these two numbers and output the sum.

Input Format

- 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 .

Output Format

For each test case, add A and B and display the sum in a new line.

Constraints

- $1 \leq T \leq 1000$
- $0 \leq A, B \leq 10000$

Sample 1:

Input	Output
3	3
1 2	300
100 200	50
10 40	

Explanation:

Testcase 1: $1 + 2 = 3$. Hence the first output is 3.

Testcase 2: $100 + 200 = 300$. Hence the second output is 300.

Did you like the problem statement?

C++ NEW

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int t;
6     cin>>t;
7     while(t--){
8         int a,b;
9         cin>>a>>b;
10        // your code goes here
11        cout << a+b << endl;
12    }
13
14    return 0;
15 }
16
```

Test against Custom Input

```
3
1 2
100 200
10 40
```

Correct Answer Submission ID: 1182412508

Sub-Task	Task #	Result (time)
		Correct

Run Submit

Visualize Code

Activities Brave Web Browser

Aug 15 6:50 PM

Problem_Solving_Problem_S cc Number Mirror Practice C X +

codechef.com/problems/START01

Difficulty: 200 Expand

Statement Hints Submissions Solution AI Help

C++ NEW

Switch to AI Tutor Mode > NEW

Number Mirror

Write a program that takes a number N as the input, and prints it to the output.

Input Format

The only line of input contains a single integer.

Output Format

Output the answer in a single line.

Constraints

- $0 \leq N \leq 10^5$

Sample 1:

Input	Output
123	123

Explanation:

The input is 123. So the output is also 123.

Sample 2:

Input	Output
15	15

Explanation:

The input is 15. So the output is also 15.

Test against Custom Input

123

Correct Answer Submission ID: 1182412393

Sub-Task Task # Result (time)

Correct

Run Submit

Visualize Code

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     int a;
6     // Do not print anything before taking input
7     cin >> a;
8     cout << a << endl;
9
10    // Output the value of a in the line below
11 }
12 }
```

Activities Brave Web Browser

Aug 15 6:48 PM

cc holy_light_97 | CodeChef Use cc Good Turn Practice Codin x Problem_Solving_Problem_S | +

codechef.com/problems/GDTURN

Difficulty: 238 Expand

Statement Hints Submissions Solution AI Help NEW

Switch to AI Tutor Mode >

Good Turn

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 **6**.

Given that in a particular turn Chef and Chefina got **X** and **Y** on their respective dice, find whether the turn was good.

Input Format

- 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.

Output Format

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

Each character of the output may be printed in either uppercase or lowercase. That is, the strings **NO**, **no**, **nO**, and **No** will be treated as equivalent.

Constraints

- $1 \leq T \leq 100$
- $1 \leq X, Y \leq 6$

Sample 1:

Input	Output
4	NO
1 4	YES
3 4	NO
4 2	YES
2 6	

C++

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int t;
6     cin>>t;
7     while(t--){
8         int x,y;
9         cin>>x>>y;
10        if((x+y) > 6){
11            cout << "YES\n";
12        }else{
13            cout << "NO\n";
14        }
15    }
16    return 0;
17 }
```

Test against Custom Input

```
4
1 4
3 4
4 2
```

Correct Answer Submission ID: 1182411556

Sub-Task	Task #	Result (time)
1	0	Correct

Visualize Code Run Submit