**Micro and Array Update**

Max. Marks: 100

Micro purchased an array AA having NN integer values. After playing it for a while, he got bored of it and decided to update value of its element. In one second he can increase value of each array element by 11. He wants each array element's value to become greater than or equal to KK. Please help Micro to find out the minimum amount of time it will take, for him to do so.

**Input:**   
First line consists of a single integer, TT, denoting the number of test cases.   
First line of each test case consists of two space separated integers denoting NN and KK.   
Second line of each test case consists of NN space separated integers denoting the array AA.

**Output:**  
For each test case, print the minimum time in which all array elements will become greater than or equal to KK. Print a new line after each test case.

**Constraints:**   
1≤T≤51≤T≤5   
1≤N≤1051≤N≤105   
1≤A[i],K≤1061≤A[i],K≤106

**SAMPLE INPUT**

2

3 4

1 2 5

3 2

2 5 5

**SAMPLE OUTPUT**

3

0

**Explanation**

For first test case,  
After 11 second, array will be {2,3,6}{2,3,6}  
After 22 second, array will be {3,4,7}{3,4,7}  
After 33 second, array will be {4,5,8}{4,5,8}

So it will take 33 second for all array elements to become greater than or equal to 44.

**Time Limit:**1.0 sec(s) for each input file.

**Memory Limit:**256 MB

**Source Limit:**1024 KB

**Marking Scheme:**Marks are awarded if any testcase passes.

**Allowed Languages:**C, C++, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Scala 2.11.8, Swift, Visual Basic

<https://www.hackerearth.com/challenge/competitive/march-easy-17/algorithm/micro-and-array-update/>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication2

{

class Program

{

static void Main(string[] args)

{

int t = int.Parse(Console.ReadLine());

while (t-- > 0)

{

string[] input = Console.ReadLine().Split(' ');

long n = long.Parse(input[0]);

long k = long.Parse(input[1]);

long[] a = Array.ConvertAll(Console.ReadLine().Split(' '), e => long.Parse(e));

long min = a.Min();

if (k >= min)

{

Console.WriteLine(k - min);

}

else

{

Console.WriteLine("0");

}

}

Console.ReadLine();

}

}

}