**Sum of Digits Divisibility**

[maths](http://www.practice.geeksforgeeks.org/tag-page.php?tag=maths&isCmp=0)

[Drishti-Soft](http://www.practice.geeksforgeeks.org/tag-page.php?tag=Drishti-Soft%20&isCmp=1)

Check that the number can be divided by the sum of its digit.

**Input:**

The first line of input contains an integer T denoting the number of test cases.Then T test cases follow .Each test case consist of an integer N.

**Output:**

Print 1 if divisible else 0.

**Constraints:**

1 ≤ T ≤ 100  
1 ≤ N ≤ 100000

**Example:**

**Input**  
2  
18  
19170

**Output**  
1  
1

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=674>

#include <iostream>

#include <stdio.h>

using namespace std;

int main() {

int t;

scanf("%d", &t);

while(t--) {

int n;

scanf("%d", &n);

int c = n, sum =0;

while(c > 0) {

sum += c % 10;

c /= 10;

}

if(sum % n ==0) {

printf("1");

} else {

printf("0");

}

printf("\n");

}

return 0;

}