

Eleven

Jojo is given a task by his teacher. His task is so easy! He only need to determine whether a number is divisible by 11. Then again, since he is a lazy person he doesn't want to do it. Therefore, he ask your help to make a program to determine whether a number is divisible by 11.

Format Input

The first line is an integer T representing the number of test cases. The next T lines each consist of an integer N that the teacher gave him.

Format Output

For each test case output "Case #X: ", where X is the case number, followed by "Yeah" if the number is divisible by 11, or "Nah" if the number is not divisible by 11.

Constraints

- $1 \le T \le 100$
- $1 \le N \le 10^{100000}$

Sample Input 1 (standard input)

1 55

Sample Output 1 (standard output)

Case #1: Yeah

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Sample Input 2 (standard input)

1		
54		

Sample Output 2 (standard output)

Case #1: Nah



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Jojo diberi tugas oleh gurunya. Tugasnya sangat mudah! Ia hanya perlu menentukan apakah sebuah angka habis dibagi 11. Sekali lagi, karena ia adalah seorang pemalas ia tidak mau mengerjakannya. Oleh karena itu, ia meminta bantuanmu untuk membuat program untuk menentukan apakah sebuah angka habis dibagi 11.

Format Input

Baris pertama terdiri dari bilangan bulat T yang merupakan banyaknya kasus uji. T baris berikutnya masing-masing terdiri dari 1 bilangan bulat N yang diberikan oleh gurunya.

Format Output

Untuk setiap kasus uji outputkan "Case #X: ", dengan X adalah nomor kasus uji, lalu diikuti oleh "Yeah" jika bilangan tersebut habis dibagi 11, atau "Nah" jika bilangan tersebut tidak habis dibagi 11.

Constraints

- 1 < T < 100
- $1 < N < 10^{100000}$

Sample Input 1 (standard input)

1 55

Sample Output 1 (standard output)

Case #1: Yeah

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Sample Input 2 (standard input)

1		
54		

Sample Output 2 (standard output)

Case #1: Nah



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