

# Girl?

Jojo is looking for his love by sending messages to strangers on a dating application. Because he knows that many people are using fake profile photos, he found a way to find out the gender of the user by their user names. If the number of distinct characters in one's user name is even, then she is a female, otherwise he is a male. Help him to find out their gender!

### Format Input

The first line is an integer T representing the number of test cases.

The next T lines each consist of a string S representing the user name in the dating application.

### Format Output

For each test case output "Case #X: ", where X is the case number, followed by "Yay" if the user is a female, or "Ewwww" if the user is a male.

### Constraints

- 1 < T < 100
- $1 \le |S| \le 10^5$
- S only consist of lowercase letter.

Note: |S| means the length of string S.

## Sample Input 1 (standard input)

1 abb

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### Sample Output 1 (standard output)

Case #1: Yay

# Sample Input 2 (standard input)

2 abbc za

### Sample Output 2 (standard output)

Case #1: Ewwww Case #2: Yay

### Note

On the first sample input, first test case, the user is female because there are 2 different letters namely "a" and "b", so the output is "Yay".

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Jojo sedang mencari jodoh dengan cara mengirim pesan kepada orang asing di suatu aplikasi kencan. Karena ia tahu bahwa banyak orang yang memakai foto profil palsu, ia menemukan suatu cara untuk mengetahui jenis kelamin pengguna dengan nama pengguna mereka. Jika banyaknya huruf berbeda pada nama penggunanya genap, maka ia adalah seorang perempuan, sedangkan jika banyaknya huruf berbeda pada nama penggunanya ganjil, maka ia adalah seorang laki-laki. Bantu Jojo untuk menentukan jenis kelamin mereka!

### Format Input

Baris pertama adalah sebuah bilangan bulat T yang merepresentasikan banyaknya kasus uji.

T baris berikutnya masing-masing terdiri dari 1 string S yang merepresentasikan nama pengguna di aplikasi kencan tersebut.

### Format Output

Untuk setiap kasus uji outputkan "Case #X:", dengan X adalah nomor kasus uji, lalu diikuti oleh "Yay" jika pengguna tersebut adalah perempuan, atau "Ewwww" jika pengguna tersebut adalah laki-laki.

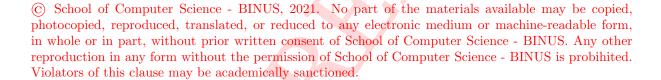
### Constraints

- $1 \le T \le 100$
- $1 \le |S| \le 10^5$
- $\bullet\,$  Shanya terdiri dari huruf kecil.

Note: |S| artinya panjang string S.

# Sample Input 1 (standard input)

1	
2	hh





### Sample Output 1 (standard output)

Case #1: Yay

# Sample Input 2 (standard input)

2 abbc za

### Sample Output 2 (standard output)

Case #1: Ewwww Case #2: Yay

### Note

Pada sampel input 1, test case pertama, pengguna tersebut adalah perempuan karena ada 2 huruf berbeda yaitu "a" dan "b", sehingga outputnya adalah "Yay".



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