Java Regex 3 - Username Checker

Regular expressions ($regexp$) help us match or search for patterns in strings. In this problem, you will be given a username. Your task is to check whether that username is valid. A valid username will have the following properties:

1. The username can contain alphanumeric characters and/or underscores(_).

2. The username must start with an alphabetic character.

3. $8 \leq$ |Username| ≤ 30.

To simplify your task, we have provided a portion of the code in the editor. You just need to write down the $regex$ pattern which will be used to validate the username input.

Input Format

The first line of input contains an integer N, representing the number of testcases. Each of the next N lines contains a string that represents a username.

Constraints

- The username consists of any printable characters.

- $1 \leq N \leq 100$

Output Format

For each username, output `Valid` if the username is valid; otherwise, output `Invalid`.

Sample Input

```
4
alpha_naheed
xahidbuffon
nagib@007
123Swakkhar
```

Sample Output

```
Valid
Valid
Invalid
Invalid
```

Explanation

The first two cases fulfill the constraints of a valid username. The third case is invalid because it contains an invalid character `'@'`. The fourth case is also invalid because it starts with a numeric character.