## Assignment – II

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## Question:

RIL JIO is planning to setup a secure password for his customer account. For a password to be secure the following conditions should be satisfied:

- Password must contain at least one lower case letter [a-z] [a-z]
- Password must contain at least one upper case letter [A-Z] [A–Z] strictly inside, i.e., not as the first or the last character.
- Password must contain at least one digit [0-9][0-9] strictly inside
- Password must contain at least one special character from the set {{'@', '#', '%', '&', '?'}} strictly inside.
- Password must be at least 1010 characters in length, but it can be longer.
- RIL JIO has generated several strings and now wants you to check whether the passwords are secure based on the above criteria. Please help RIL JIO in doing so.

# Input

First line will contain TT, number of test cases. Then the test cases follow. Each test case contains of a single line of input, string SS.

### Output

For each test case, output in a single line "YES" if the password is secure and "NO" if it is not.

#### Constraints

 $1 \le |S| \le 20$  All the characters in S are one of the following: lower case letters [a-z] [a-z], upper case letters [A-Z][A-Z], digits [0-9][0-9], special characters from the set  $\{ '@', '\#', '\%', '\&', '?' \}$ 

Code:

# Output:

```
## Column (a) Column | Delia Column
```

Repository:

https://github.com/kotarohs/java.git

