

Password Validation

Description

A valid password has the following requirements. For given multiple lines that contain one word. Print out the validation of each password.

- 1. Password must contain at least one upper case;
- 2. Password must contain at least two lower case letter letters and all have to be strictly inside(i.e. not as the first or the last character);
- 3. Password must contain at least one digit [0-9] and all digits have to be strictly inside;
- 4. Must contain at least one special character from the set { '@', '!', '%', '&', '*' };
- 5. Password must be at least 8 characters in length, but it can be longer.

If you fail any one of the test cases you get 0 for this problem.

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Input

Several lines with one password per line.

Constraints:

- length of password: 0 < len(password) <= 128

Output

Print "yes" if the password is valid (meets the requirements in the question description), otherwise print "no".

Every "yes" or "no" are separated by a newline.

Sample Input 1

BjdaA00C!
U_R_kill@final0109
Ha!ha!ha!

Sample Input 2

GameOfTheYear:astrobot?
TheLastOfUs2:10/10?
LadyEtherealIsTheBestBossIn9Sols!
IsYasukeAJapaneseSamurai?
Can'tWaitToPlayEnderMagnolia:BloomInTheMist0n1/23!
MetroidPrime4WillMakeTheSeriesBackToGlory!

Sample Output 1

yes
no
no

Sample Output 2

no
no
yes
no
yes
yes

Problems

Announcements

Submissions

Rankings

View Contest

Information

IDfinal_9

Time Limit1000MS

Memory Limit256MB

IO ModeStandard IO

Created Bystellaglow1122

LevelLow

Score104

TagsShow

Statistic

Details

ACWA

