

Problem 165: Special Treatment

Difficulty: Easy

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Problem Background

Special characters - generally speaking, any character other than a letter, number, or space - can often cause problems in software applications. A string of text with a quote inside of it may be interpreted incorrectly. A backslash in front of a letter could prevent that letter from being read as a letter. In extreme cases, special characters could be used to inject new code into an application, allowing hackers to steal data, or worse! Proper handling of special characters is therefore a major concern for software companies, including Lockheed Martin.

They say computers work on the “garbage in, garbage out” principle... so let’s make sure we take out the trash.

Problem Description

Your program will need to read in several lines of text containing a mix of characters. You’ll need to remove any character from the string that is neither a letter, number, or space, and print all of the letters, numbers, and spaces that remain.

Sample Input

The first line of your program’s input, received from the standard input channel, will contain a positive integer representing the number of test cases. Each test case will include a line of text to be processed, which may contain any printable ASCII character.

```
3
This “is” amazing!
Can’t you - yes, you - remove all the special characters?
Anything /not/ a letter, numb3r, or _space_ should go.
```

Sample Output

For each test case, your program must print the line of text with all special characters removed.

```
This is amazing
Cant you yes you remove all the special characters
Anything not a letter numb3r or space should go
```