

Dia da mentira

Problem ID: diadamentira

In Brazil the first day of April is known as “dia da mentira” (day of the lie), where pranks are essentially about telling lies and trying to make people to believe them.

Antonio is excited to play pranks on all of his friends, but he is not very good at it, always forgetting to actually lie. To make it worse, his keyboard is broken and the only keys working are letters and the space bar.

Can you help Antonio by replacing all occurrences of “is” with “isnt” (he means “isn’t”, but his apostrophe key is broken) and vice versa? Please only replace those appear as full words. See the samples below for further explanation.

Input

The input will contain a single line containing only lower case letters and spaces. There will be exactly one space between words. The line will have between 1 and 10000 characters.

Output

Output a single line where you replace all the occurrences of “is” with “isnt” and vice versa.

Sample Input 1

```
my hovercraft isnt full of eels
```

Sample Output 1

```
my hovercraft is full of eels
```

Sample Input 2

```
it is dia da mentira today it isnt new years eve
```

Sample Output 2

```
it isnt dia da mentira today it is new years eve
```

Sample Input 3

```
this island is cursed and my sister eilis is under hypnosis ahhhh please help
```

Sample Output 3

```
this island isnt cursed and my sister eilis isnt under hypnosis ahhhh please help
```

Sample Input 4

```
pardon me but your postillion has been struck by lightning
```

Sample Output 4

```
pardon me but your postillion has been struck by lightning
```