

Text Processing in Linux - The 'Tr' Command - #1

Problem Statement

Introduction

The 'tr' command is a useful translation utility in linux.

'e' being transformed to 'E'

```
$ echo "Hello" | tr "e" "E"  
HELlo
```

Spaces being transformed to hyphens

```
$ echo "Hello how are you" | tr " " '-'  
Hello-how-are-you
```

Digits (numerals) being deleted

```
$ echo "Hello how are you 1234" | tr -d [0-9]  
Hello how are you
```

The Task

In a given fragment of text, replace all paranthesis () with box brackets [].

Input Format

A block of ASCII text.

Output Format

Replace all paranthesis () with box brackets [].

Sample Input

```
int i=(int)5.8  
(23 + 5)*2
```

Sample Output

```
int i=[int]5.8  
[23 + 5]*2
```

Recommended References

[This tutorial](#) shows various ways in which the command may be used for transforming or translating characters or character classes. It can also be used to delete, complement, remove or squeeze characters.