Day 34 coding Statement : Write a Program to Remove brackets from an algebraic expression

Description : Get an algebraic expression as input from the user and then remove all the brackets in that.

Input : 7x+(2*y)

Output : 7x+2*y

Program :

```java
package com.talentbattle.codingchallenge;

import java.util.Scanner;

public class Brackets_remove {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner scan = new Scanner(System.in);
        System.out.println("Enter a string : ");
        String str = scan.next();
        String Newstr = str.replaceAll("[(){}]", "");

        System.out.println(Newstr);
    }

}
```

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Project Explorer ×

> (default package)
> com.kodnest.programs
∨ com.talentbattle.codingchallenge
  > alphabet_or_not.java
  > Areaofcircle.java
  > Armstrong.java
  > ascii_output.java
  > Brackets_remove.java
  > Concatenate_string.java
  > day1_vowel_consonant.java
  > days_in_a_month.java
  > Double_number.java
  > factor.java
  > factorial.java
  > fraction.java
  > Handshakes.java
  > Number_of_digits.java
  > odd_or_even.java
  > package-info.java
  > Palindrome.java
  > Perfect_Number.java
  > positive_or_negative.java
  > practice_statement.java
  > Prime.java
  > Pyramid.java
  > quadrant.java
  > Qudratic_equation.java
  > Reverse_string.java
  > roots.java
  > String_length.java
  > String_Palindrome.java
  > Strong_number.java
  > Sum_of_Prime.java
  > Toggle_Char.java

Brackets_remove.java ×

```java
1  package com.talentbattle.codingchallenge;
2
3  import java.util.Scanner;
4
5  public class Brackets_remove {
6
7      public static void main(String[] args) {
8          // TODO Auto-generated method stub
9          Scanner scan = new Scanner(System.in);
10         System.out.println("Enter a string : ");
11         String str = scan.next();
12         String Newstr = str.replaceAll("[(){}]", "");
13
14         System.out.println(Newstr);
15     }
16
17 }
18
```

Console ×

```
<terminated> Brackets_remove [Java Application] C
Enter a string :
7x+(2*y)
7x+2*y
```

Type here to search

Slow traffic on Swami...

7:12 PM
12/19/2022