

class StringMethods

- Implement the below methods for this class:

- int convertToInt(StringPlay sp, String str): Convert the string str to int, return the int value and assign the value to suitable sp variable(convert). All the strings will contain only numbers.
- Example: str = "123" then resultant is 123.
- int getMax(StringPlay sp, String str, char ch): Return the total number of char ch present in string str and assign the value to sp variable max and return the same value.
- Example: str = "This is good", ch = 'o' then resultant value = 2
- Example: str = "doselect Et le", ch='e' then resultant value = 3

Sample Input

```
StringMethods sm = new StringMethods();
StringPlay sp = new StringPlay();
sm.getMax(sp, "fgefgef", 'g')
```

```
15 class StringMethods{
16     public int convertToInt(StringPlay sp, String str){
17         int num=Integer.parseInt(str);
18         int convert=num;
19         return convert;
20     }
21     public int getMax(StringPlay sp, String str, char ch){
22         int k=0;
23         for(int i=0;i<str.length()-1;i++){
24             if(str.charAt(i)==ch){
25                 k++;
26             }
27         }
28         int max=k;
29         return max;
30     }
}
```

Ln 28, Col 10 Java 8

Autocomplete reconnecting... 

Test Results **Custom Input** **RUN CODE** **SUBMIT**

Test_getMax1  Passed

Test_getMax2  Test_getMax2

Description
Testcase passed!

2.31s	0s	1MB
Eval Time	CPU	Memory

Test_StringPlay 

```
12 }
13 }
14
15 class StringMethods{
16     public int convertToInt(StringPlay sp, String str){
17         int num=Integer.parseInt(str);
18         return num;
19     }
20     public int getMax(StringPlay sp, String str, char ch){
21         int k=0;
22         for(int i=0;i<str.length()-1;i++){
23             if(str.charAt(i)==ch){
24                 k++;
25             }
26         }
27         return k;
28     }
29 }
30 }
31 public class Source {
32     public static void main(String args[] ) throws Exception {
33         /* Enter your code here. Read input from STDIN, Print output to STDOUT */
34     }
35 }
```

- int convertToInt(StringPlay sp, String str); Convert the string str to int, return the int value and assign the value to suitable sp variable(convert). All the strings will contain only numbers.

Help

1h 22m
left

All

1
2
3
4

```
1 > import java.io.*;
10
11 class StringPlay {
12
13     public class StringMethods {
14
15         public void convertToInt(int value, StringPlay sp) {
16             sp.value = value;
17         }
18     }
19 }
```

- Example: str = "123" then resultant is 123.

- int getMax(StringPlay sp, String str, char ch); Return the total number of char ch present in string str and

assign the value to sp variable max and return the same value.

- Example: str = "This is good" , ch = 'o' then resultant value = 2

- Example: str = "doselect Et le" , ch='e' then resultant value = 3

Sample Input

```
StringMethods sm = new StringMethods();
StringPlay sp = new StringPlay();
sm.getMax(sp, "fgffgf", 'g')
sm.convertToInt(sp, "123")
```

Sample Output

3
123

NOTE

StringPlay(): Define an empty constructor

```
1h 22m  
left  
Help  
All  
1 2 3 4  
class StringMethods:  
    convertToInt(StringPlay sp, String str);  
    visibility: public  
    return type: int  
    getMax(StringPlay sp, String str, char ch);  
    visibility: public  
    return type: int  
    Task
```

1h 22m
left

Java 8

```
1 > import  
10  
11 class  
12  
13  
14 public  
15  
16  
17  
18  
19 }
```

...
class StringPlay
- Implement StringPlay class according to the above
specifications

class StringMethods

- Implement the below methods for this class:

- int convertToInt(StringPlay sp, String str): Convert the string str to int; return the int value and assign the value to suitable sp variable(convert). All the strings will contain only numbers.
- Example: str = "123" then resultant is 123.

- int getMax(StringPlay sp, String str, char ch): Return the total number of char ch present in string str and assign the value to sp variable max and return the same value.
- Example: str = "This is good", ch = 'i' then resultant

Autoco

Test Re



4. Harry's Assignment

Coding

1h 22m

left

Description

Help

Harry has recently learned about strings in his programming classes. He decided to create some interesting strings using all the basic concepts.

Help Harry!

1 Your task here is to implement a JAVA code based on the following specifications. Note that your code should match the specifications in a precise manner. Consider default visibility of classes, data fields and methods unless mentioned otherwise. All the methods that you are implementing should be non-static.

Specification:

```
class definitions:  
class StringPlay:  
data fields:  
int convert  
int max;  
StringPlay(): Define an empty constructor with  
visibility: public  
return type:int  
convertToInt(StringPlay sp, String str):  
visibility: public  
return type:int  
getMax(StringPlay sp, String str, char ch):  
visibility: public
```