

# String Operations



# Do Now

- Open the String Operations [repl.it](https://repl.it) link on google classroom
- Wait for further instructions



# Objectives

- What is a REPL?
- String methods
- String operations
- Escape Characters



# Jshell

- R
- E
- P
- L

```
$ jshell
```

```
| Welcome to JShell -- Version 11.0.11  
| For an introduction type: /help intro
```

```
jshell>
```



# Concatenation

```
jshell> String firstName = "Fred";  
firstName ==> "Fred"  
jshell> String lastName = "Smith";  
lastName ==> "Smith"  
jshell> String fullName = firstName + " " + lastName;  
fullName ==> ????????
```



# length()

```
jshell> int lengthOfName = fullName.length();  
lengthOfName ==> ???????
```



## substring(int)

```
jshell> fullName.substring(2);  
$1 ==> ???????
```



# substring(int, int)

```
jshell> fullName.substring(2,4);  
$2 ==> ???????
```





## toLowerCase()

```
jshell> fullName.toLowerCase();  
$3 ==> ???????
```



## toUpperCase()

```
jshell> fullName.toLowerCase();  
$4 ==> ???????
```



# Escape Characters

Character	Description
<code>\t</code>	Insert a tab in the text at this point.
<code>\n</code>	Insert a newline in the text at this point.
<code>'</code>	Insert a single quote character in the text at this point.
<code>"</code>	Insert a double quote character in the text at this point.
<code>\\</code>	Insert a backslash character in the text at this point.



# Homework

- Complete the activity described in your repl
  - Click the **Markdown** tab for instructions
- BPJ Lesson 2 Exercises
- Complete the labs on google classroom
  - My Favorite Quote
  - Name That Celebrity
  - nTimes (Extra Credit)

