CSE 121
Elba Garza
Winter 2023

Join at slido.com #3996 837

Music: Old 45’s - Chromeo
Announcements, Reminders

• **Creative Project 1** releasing soon; Due January 24th by 11:59 PM
• Quiz 0: Tuesday, January 24th during section. Bring laptops!
• Resubmission form for R0 releasing tomorrow, also due January 24th by 11:59 PM
Last Time

• Variables
  • Container that stores a specific data type
  • Must declare & initialize!
  • Manipulate, modify, reuse

• Strings
  • Sequence of characters treated as one, yet can be indexed as individual parts
  • char, represents a single character

```java
// declare AND initialize
int version = 5;

String myString = “foobar”;
```
Last Time

• String Methods
  • Examples:
    • `length()`: returns number of characters in String
    • `charAt(int)`: returns char at a specific index (int) of String
    • `indexOf(char/String)`: returns int index position of char/String
  • Methods do **not** modify the String variable they’re called upon. Rather, you simply receive information!

```java
String myString = “foobar”;
```

```plaintext
<table>
<thead>
<tr>
<th>f</th>
<th>o</th>
<th>o</th>
<th>b</th>
<th>a</th>
<th>r</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>
```
Plan for Today

• For loops
  • Parts of a for loop statement
  • Incrementing/Decrementing update in a for loop
  • Usage of for loops: definite vs. unknown

```java
for ( initialization ; test ; update ) {
    body (statements to be repeated)
}
```