Escape Sequences

zyBook Chap 2.8

Escape Sequence
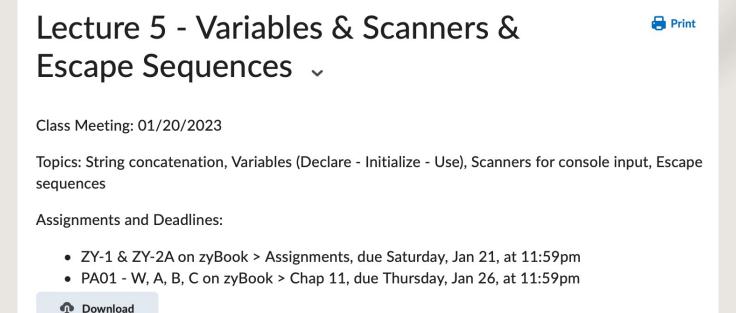
- A two-character sequence starting with a backslash **** that represents a special character

- Has special meaning to the compiler

Escape Sequences	Description
\t	Insert a **tab** in the text at this point
\n	Insert a **newline** in the text at this point
\ '	Insert a **single quote** character in the text at this point
\"	Insert a **double quote** character in the text at this point
\\	Insert a **backslash** in the text at this point

In-class Coding Practice

- Brightspace > Lectures > Milestone 1 > Lecture 5

Lecture 5 - Variables & Scanners & Escape Sequences ⌄

🖨 Print

Class Meeting: 01/20/2023

Topics: String concatenation, Variables (Declare - Initialize - Use), Scanners for console input, Escape sequences

Assignments and Deadlines:

- ZY-1 & ZY-2A on zyBook > Assignments, due Saturday, Jan 21, at 11:59pm
- PA01 - W, A, B, C on zyBook > Chap 11, due Thursday, Jan 26, at 11:59pm

⬇ Download

EscapeSeq ⌄
📄 JAVA File

```java
public class EscapeSeq {

    public static void main(String[] args) {

        System.out.println("=== Using \\\" ===");
        System.out.println( "\"Computers are incredibly fast, accurate, and stupid. " +
                            "Human beings are incredibly slow, inaccurate, and brilliant. " +
                            "Together they are powerful beyond imagination.\"- Albert Einstein");

        System.out.println("=== Using \\\' ===");
        System.out.println("char is surrounded with single quotes (\'\')");

        System.out.println("=== Using \\n ===");
        System.out.println("Hello\nWorld");

        System.out.println("=== Using \\t ===");
        System.out.println("Hello\tWorld");

        System.out.println("=== Using double backslashes \\\\ to print a single backslash \\ ===");
    }
}
```

Sample
Solution

```
$ javac EscapeSeq.java
$ java EscapeSeq
=== Using \" ===
"Computers are incredibly fast, accurate, and stupid. Human beings are incredibly slow,
inaccurate, and brilliant. Together they are powerful beyond imagination."- Albert Einstein
=== Using \' ===
char is surrounded with single quotes ('')
=== Using \n ===
Hello
World
=== Using \t ===
Hello World
=== Using double backslashes \\ to print a single backslash \ ===
```