#### COMP 110/L Lecture 15

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#### Outline

• String.split

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Allows for a String to be separated into different parts.

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Returns an array of Strings (String[]).

```
"foo,bar".split(",")
new String[]{"foo", "bar"}
```

#### Example:

SplitOnComma.java

split takes a regular expression.

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```
"foo.bar".split(".")
```

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"foo,bar".split(",")
```

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".": matches **any** single character

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", ": matches only one pattern: a comma

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```
"foo.bar".split("\\.")
```

split takes a regular expression.

Regular expressions describe different string patterns.

```
"foo,bar".split(",")
```

", ": matches only one pattern: a comma

```
"foo.bar".split(".")
```

".": matches **any** single character

```
"foo.bar".split("\\.")
```

"\\.": matches a period (backslash followed by a period)

# Example:

SplitOnAnything.java

## Regular Expressions

- Super popular for extracting values from String inputs
- Could easily spend a week on them
- Covered in later courses