More practice with Regular Expressions

For String manipulation



By the end of this video you will be able to...

 Write the regular expressions you will need to do the programming assignment in this module

Relating regex's to the project

given helper method

Relating regex's to the project

```
public abstract class Document {
   private String text;
   protected List<String> getTokens(String pattern)
   { ... }
public class BasicDocument extends Document
                                          Need a regex that
                                          matches "any word"
    public int getNumWords() {
        List<String> tokens = getTokens( ??? );
        return tokens.size();
```

```
public class BasicDocument extends Document
{
    ...
    public int getNumWords() {
        List<String> tokens = getTokens( ??? );
        return tokens.size();
    }
}
```

```
public class BasicDocument extends Document
{
    ...
    public int getNumWords() {
        List<String> tokens = getTokens( "[a-zA-Z]+" );
        return tokens.size();
    }
}
```

```
public class BasicDocument extends Document
{
    ...
    public int getNumSentences() {
        List<String> tokens = getTokens( ??? );
        return tokens.size();
    }
}
```

"A sequence of any characters ending with end of sentence punctuation (.!?)"

```
public class BasicDocument extends Document
{
    ...
    public int getNumSentences() {
        List<String> tokens = getTokens( ??? );
        return tokens.size();
    }
}
```