|  |  |  |  |
| --- | --- | --- | --- |
| Iteration | psn | before | after |
| 1 | 9 | “ “ | “ “ |
| 1 | 0 | “” | “ “ |
| 1 | 8 | “ “ | “ c ” |
| 2 | 19 | “ “ | “s” |
| 1 | 3 | “k” | “w” |
| 2 | 7 | “ “ | “t” |
| 3 | 21 | “s” | “w” |

**private** String transformIWantToStatement(String statement)

{

// Remove the final period, if there is one

statement = statement.trim();

String lastChar = statement.substring(statement

.length() - 1);

**if** (lastChar.equals("."))

{

statement = statement.substring(0, statement

.length() - 1);

}

**int** psn = findKeyword (statement, "I want ", 0);

String restOfStatement = statement.substring(psn + 9).trim();

**return** "Would you really be happy if you " + restOfStatement + "?";

}