

Jack Utzerath
CST-105 9am
Exercise 4
10/17/21

Loom Video:

<https://www.loom.com/share/a66cb950059f4c8da919862ed9bb5e3d>

Text From Program:

```
/*  
 * Jack Utzerath  
 * CST-105 (9am)  
 * Exercise 5  
 * 10/21/21  
 * My own work  
 */  
  
package pickles;  
  
import java.io.File;  
import java.io.FileNotFoundException;  
import java.io.FileOutputStream;  
import java.io.PrintWriter;  
import java.util.Scanner;  
  
public class Exercise5 {  
  
    public static void main(String[] args) {  
        try {  
            //instantiate File class  
            File inputFile = new File("input.in");  
            // instantiate scanner class  
            Scanner reader = new Scanner(inputFile);  
  
            try {  
  
                //Create an output file  
                FileOutputStream fos = new FileOutputStream("results.out");  
                //Instantiate printwriter class  
                PrintWriter write = new PrintWriter(fos);  
  
                while (reader.hasNext()) {
```

```

//Read from Input File
String input = reader.next();

//If else statement to output in tabular format
if (input.length() > 7) {
    write.printf("%s\t", input);
}

else {
    write.printf("%s\t\t", input);
}

//If statement for even words
if (input.length() % 2 == 0) {
    //Divide the string by half
    String str = input.substring(input.length() / 2,
input.length());

    //replace str with nothing
    String str2 = input.replace(str, "");
    write.println((str + str2).toUpperCase());
}

//If statement for odd words
if (input.length() % 2 == 1) {
    //Create string with second half of the word
    String str = input.substring((input.length() / 2) + 1,
input.length());

    //Create string with the first half of the word
    String str2 = input.substring(0, (input.length() / 2) +
1);

    write.println((str + str2).toUpperCase());
}

}

//close write and scanner class
write.close();
reader.close();
//Print out to console
System.out.println("Printed to the File Successfully");

```

```

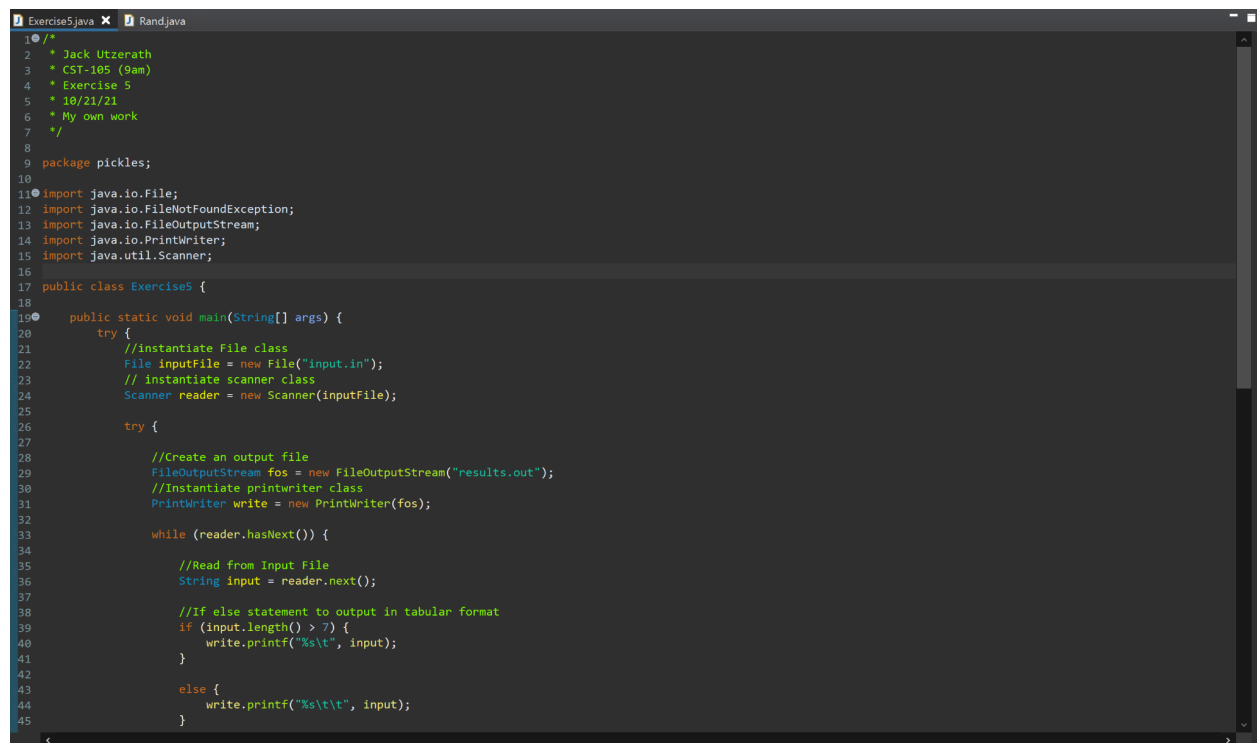
    } catch (FileNotFoundException exp) {
        System.out.println("An Error Occured " + exp);
        exp.printStackTrace();
    }

} catch (FileNotFoundException exp) {
    System.out.println("An Error Occured " + exp);
    exp.printStackTrace();
}

}

}

```



```

1  /*
2   * Jack Utzerath
3   * CST-105 (9am)
4   * Exercise 5
5   * 10/21/21
6   * My own work
7   */
8
9  package pickles;
10
11 import java.io.File;
12 import java.io.FileNotFoundException;
13 import java.io.FileOutputStream;
14 import java.io.PrintWriter;
15 import java.util.Scanner;
16
17 public class Exercise5 {
18
19     public static void main(String[] args) {
20         try {
21             //instantiate File class
22             File inputFile = new File("input.in");
23             // instantiate scanner class
24             Scanner reader = new Scanner(inputFile);
25
26             try {
27
28                 //Create an output file
29                 FileOutputStream fos = new FileOutputStream("results.out");
30                 //instantiate printwriter class
31                 PrintWriter write = new PrintWriter(fos);
32
33                 while (reader.hasNext()) {
34
35                     //Read from Input File
36                     String input = reader.next();
37
38                     //If else statement to output in tabular format
39                     if (input.length() > 7) {
40                         write.printf("%s\t", input);
41                     }
42
43                     else {
44                         write.printf("%s\t\t", input);
45                     }

```

```
Exercise5.java x Randjava
45     }
46
47     //If statement for even words
48     if (input.length() % 2 == 0) {
49         //Divide the string by half
50         String str = input.substring(input.length() / 2, input.length());
51         //replace str with nothing
52         String str2 = input.replace(str, "");
53         write.println((str + str2).toUpperCase());
54     }
55
56
57     //If statement for odd words
58     if (input.length() % 2 == 1) {
59         //Create string with second half of the word
60         String str = input.substring((input.length() / 2) + 1, input.length());
61         //Create string with the first half of the word
62         String str2 = input.substring(0, (input.length() / 2) + 1);
63         write.println((str + str2).toUpperCase());
64     }
65
66
67
68     }
69     //close write and scanner class
70     write.close();
71     reader.close();
72     //Print out to console
73     System.out.println("Printed to the File Successfully");
74
75     } catch (FileNotFoundException exp) {
76         System.out.println("An Error Occured " + exp);
77         exp.printStackTrace();
78     }
79
80
81     } catch (FileNotFoundException exp) {
82         System.out.println("An Error Occured " + exp);
83         exp.printStackTrace();
84     }
85
86 }
87
88 }
89
```