

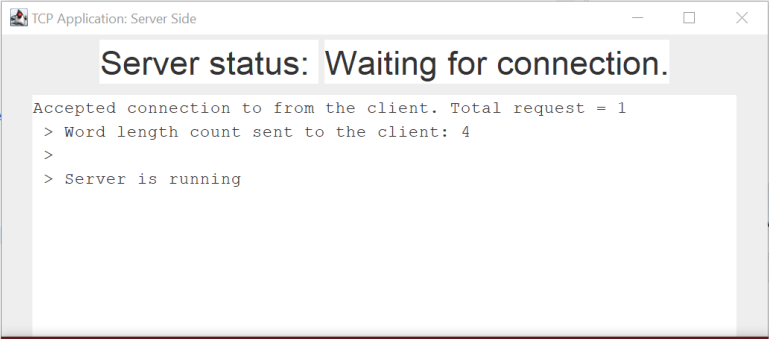
NUR IZZATI BINTI ISHAK

B032010122

2 BITS S1G1

Example 1 :

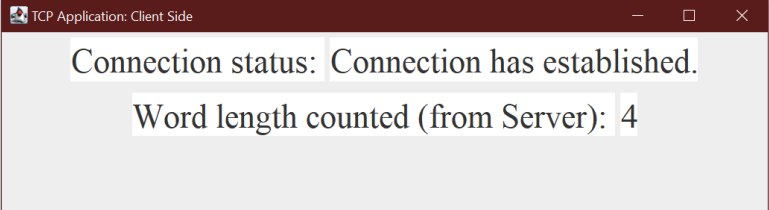
```
1 package tcpclientserver;
2
3
4 /**
5  * This class generates words.
6  *
7  * @author Nur Izzati binti Ishak
8  *
9  */
10 public class WordGenerator {
11
12     /**
13      * This method generates word and the length of the word generated.
14      *
15      * @return length of the text.
16      */
17     public String getWord() {
18
19         String text = "Nur Izzati binti Ishak";
20         String length = String.valueOf(count(text));
21
22         return length;
23     }
24
25     public static int count(String text) {
26         // TODO Auto-generated method stub
27         if(text == null || text.isEmpty()) {
28             return 0;
29         }
30
31         String [] word = text.split("\\s+");
32         return word.length;
33     }
34 }
35 }
```



TCP Application: Server Side

Server status: Waiting for connection.

Accepted connection to from the client. Total request = 1
> Word length count sent to the client: 4
>
> Server is running



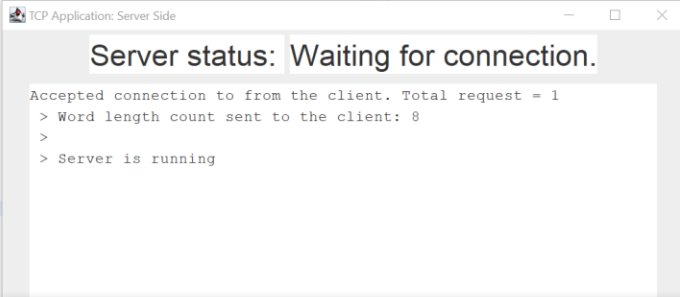
TCP Application: Client Side

Connection status: Connection has established.

Word length counted (from Server): 4

Example 2 :

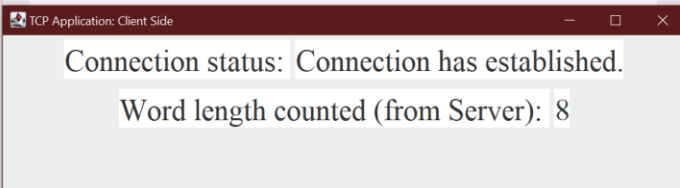
```
1 package tcpclientserver;
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4 /**
5  * This class generates words.
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7  * @author Nur Izzati binti Ishak
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10 public class WordGenerator {
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12     /**
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15      * @return length of the text.
16      */
17     public String getWord() {
18
19         String text = "Nur Izzati binti Ishak B032010122 2 BITS S1G1";
20         String length = String.valueOf(count(text));
21
22         return length;
23     }
24
25     public static int count(String text) {
26         // TODO Auto-generated method stub
27         if(text == null || text.isEmpty()) {
28             return 0;
29         }
30
31         String [] word = text.split("\\s+");
32         return word.length;
33     }
34 }
35 }
```



TCP Application: Server Side

Server status: Waiting for connection.

Accepted connection to from the client. Total request = 1
> Word length count sent to the client: 8
>
> Server is running



TCP Application: Client Side

Connection status: Connection has established.

Word length counted (from Server): 8