

4. Use a method in the String class to output the following statements.

```
String t1 = "Multithread", t2 = "Bytecode", t3 = "Algorithm", t4 = "Syntax",  
t5 = "Unicode";
```

Ouput statement	Method used
(a) The length of t1 -> 11	_____
(b) The length of t2 -> 8	_____
(c) t5 in uppercase -> UNICODE	_____
(d) t3 in lowercase -> algorithm	_____
(e) The last 4 letters in t5 -> code	_____
(f) The 3rd to 5th letter of t2 -> tec	_____
(g) The first 2 letters of t3 -> Al	_____
(h) The 5th letter of t1 -> i	_____
(i) The index of i in t5 -> 2	_____
(j) The last index of e in t2 -> 7	_____
(k) The first indexed position of code in t2 -> 4	_____

5. State the ouput of the program.

```
class exercise2_5 {  
    public static void main( String str[ ] ) {  
        StringBuffer txt = new StringBuffer("date:");  
        System.out.println(txt.append("03-03-03"));  
        String s = txt.toString( ); // Covert from StringBuffer class to String class  
        System.out.println(s.substring(0, s.indexOf(':')));  
        System.out.println(s.substring(s.indexOf(s.charAt(5))));  
    } // end main  
} // end class
```