

6. State the output of the program.

```
class exercise2_6 {
    public static void main( String str[ ] ) {
        StringBuffer sb = new StringBuffer("htuoY");
        System.out.println(sb.reverse( ));
        System.out.println("No. of letters in Youth -> " + sb.length());
        System.out.println(sb.append(" Day")); // with one leading blank space
        System.out.println("The 6th indexed position contains " + sb.charAt(6));
        System.out.println(sb.insert(0,"World ")); // with one trailing blank space
        System.out.println(sb.append(" 2002")); // with one leading blank space
    } // end main
} // end class
```

7. Use a method in the StringBuffer class to output the following statements.

```
StringBuffer s1 = new StringBuffer("Media");
StringBuffer s2 = new StringBuffer("Tracker");
StringBuffer s3 = new StringBuffer("SWAP");
```

Output statement	Method used
(a) MediaTracker	_____
(b) Length of s1 -> 12	_____
(c) SWAP -> PAWS	_____
(d) PAWNS	_____
(e) k	_____

(8) State the output.

```
class exercise2_8 {
    public static void main( String str[.] ) {
        StringBuffer t1 = new StringBuffer("GridLayout");
        System.out.println(t1);
        System.out.println(t1.insert(4, "Bag"));
        String t2 = t1.toString( );
        System.out.println(t2.substring(0, 4));
        System.out.println(t2.substring(t2.length( ) - 6));
        t1.setCharAt(7, 'P');
        System.out.println(t1);
    } // end main
} // end class
```