```java
 1  import javafx.application.Application;
 2  import javafx.stage.Stage;
 3
 4  public class final_1 {
 5
 6      public static void main(String[] args) {
 7          final_class fc = new final_class();
 8          System.out.println(fc.str);
 9          fc.add_variable("apple");
10          System.out.println(fc.str);
11      }
12
13
14      public static final class final_class {
15          public final StringBuffer str = new
   StringBuffer("567");
16          public final void add_variable(String str1) {
17              str.append(str1);
18          }
19      }
20
21  }
22
```

```java
 1 import javafx.application.Application;
 2 import javafx.stage.Stage;
 3
 4 import java.util.Arrays;
 5
 6 public class first_1 {
 7
 8     public static void main(String[] args) {
 9         System.out.println(Arrays.toString(
   get_substring("ALgorithms")));
10     }
11
12
13     public static String[] get_substring(String str
   ) {
14         return new String[] {str.substring(0, 4), str
   .substring(2, 4)};
15     }
16 }
17
```

```java
1  import javafx.application.Application;
2  import javafx.stage.Stage;
3
4  public class first_2 {
5
6      public static void main(String[] args) {
7          String str1 = "hello123";
8          String str2 = new String("hello123");
9          System.out.println(compare_strings(str1, str2
   ));
10     }
11
12
13     public static boolean compare_strings(String str1
   , String str2) {
14         if (str1.length() != str2.length()) {
15             return false;
16         }
17         for (int i = 0; i < str1.length(); i++) {
18             if (str1.charAt(i) != str2.charAt(i))
   return false;
19         }
20         return true;
21     }
22 }
23
```

```java
 1 import javafx.application.Application;
 2 import javafx.stage.Stage;
 3
 4 import java.util.ArrayList;
 5 import java.util.StringTokenizer;
 6
 7 public class first_3 {
 8
 9     public static void main(String[] args) {
10         String str = "https://www.amazon.com/demo?
   test=abc";
11         ArrayList<String> tokens = new ArrayList<
   String>();
12         StringTokenizer st = new StringTokenizer(str
   , ":/.?=");
13         while (st.hasMoreTokens()) {
14             tokens.add(st.nextToken());
15         }
16         System.out.println(tokens);
17     }
18
19
20
21
22
23 }
24
```

```java
 1  import javafx.application.Application;
 2  import javafx.stage.Stage;
 3
 4  public class first_4 {
 5
 6      public static void main(String[] args) {
 7          String[] arr = new String[] {"apple", "is", "a", "red", "fruit"};
 8          System.out.println(combine_string(arr));
 9      }
10
11
12      public static String combine_string(String[] arr) {
13          String combined_string = "";
14          for(String i: arr) {
15              combined_string = combined_string + " " + i;
16          }
17          combined_string = combined_string.substring(1, 2).toUpperCase() + combined_string.substring(2) + ".";
18          return combined_string;
19      }
20  }
21
```