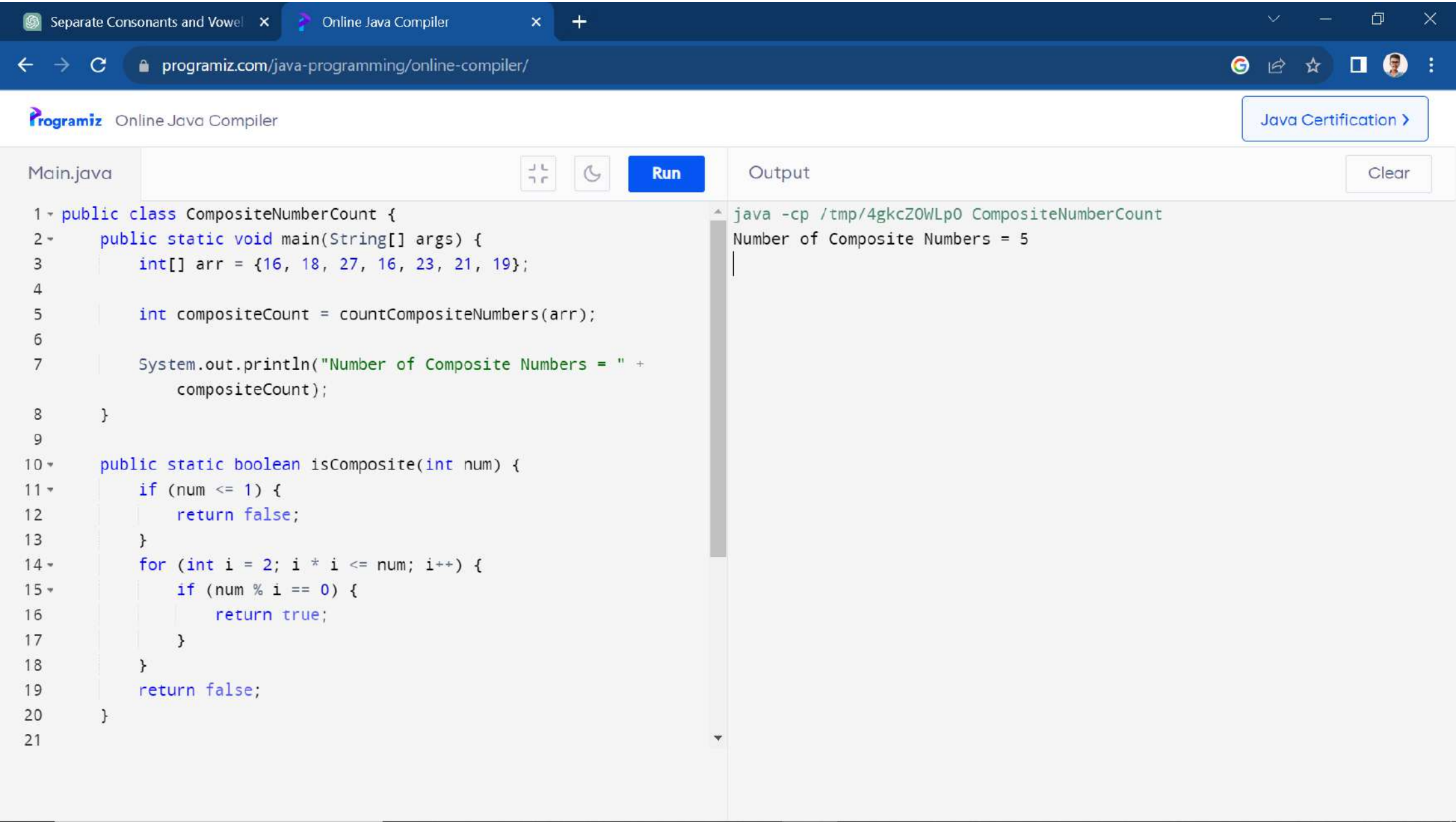
Separate Consonants and Vowel
Online Java Compiler
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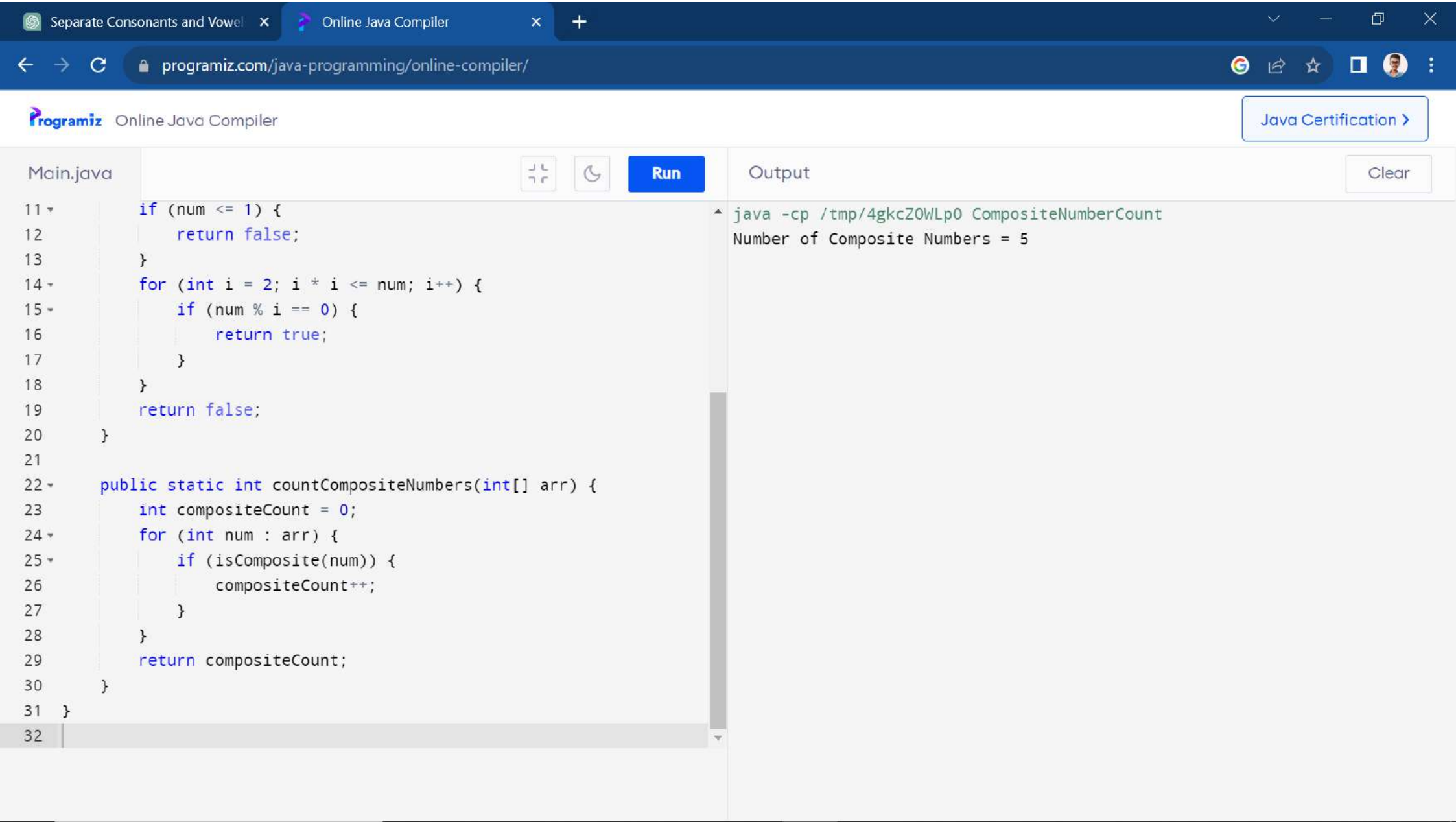
Java Certification
Main.java
Run
Output
Clear
1 public class CompositeNumberCount {
2 public static void main(String[] args) {
3 int[] arr = {16, 18, 27, 16, 23, 21, 19};
4
5 int compositeCount = countCompositeNumbers(arr);
6
7 System.out.println("Number of Composite Numbers = " +
compositeCount);
8 }
9
10 public static boolean isComposite(int num) {
11 if (num <= 1) {
12 return false;
13 }
14 for (int i = 2; i * i <= num; i++) {
15 if (num % i == 0) {
16 return true;
17 }
18 }
19 return false;
20 }
21
java -cp /tmp/4gkcZOWLpO CompositeNumberCount
Number of Composite Numbers = 5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Main.java
Run
Output
Clear
if (num <= 1) {
return false;
}
for (int i = 2; i * i <= num; i++) {
if (num % i == 0) {
return true;
}
}
return false;
}
public static int countCompositeNumbers(int[] arr) {
int compositeCount = 0;
for (int num : arr) {
if (isComposite(num)) {
compositeCount++;
}
}
return compositeCount;
}
}
java -cp /tmp/4gkcZOWLpO CompositeNumberCount
Number of Composite Numbers = 5