



Main.java

Run

Output

Clear

```
1 import java.util.Scanner;
2 public class SeparateConsonantsAndVowels {
3     public static void main(String[] args) {
4         Scanner scanner = new Scanner(System.in);
5         System.out.print("Enter a word: ");
6         String word = scanner.nextLine();
7         String consonants = "";
8         String vowels = "";
9         char[] vowelChars = {'a', 'e', 'i', 'o', 'u'};
10        word = word.toLowerCase();
11        for (int i = 0; i < word.length(); i++) {
12            char currentChar = word.charAt(i);
13            if (Character.isLetter(currentChar)) {
14                boolean isVowel = false;
15                for (char vowel : vowelChars) {
16                    if (currentChar == vowel) {
17                        isVowel = true;
18                        break;
19                    }
20                }
21                if (isVowel) {
22                    vowels += currentChar + " ";
23                } else {
24                    consonants += currentChar + " ";
25                }
26            }
27        }
28        System.out.println("Consonants: " + consonants);
29        System.out.println("Vowels: " + vowels);
30    }
31 }
```

```
java -cp /tmp/SpIHbnDwod SeparateConsonantsAndVowels
Enter a word: engineering
Consonants: n g n r n g
Vowels: e i e e i
```



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```
13  if (Character.isLetter(currentChar)) {
14      boolean isVowel = false;
15      for (char vowel : vowelChars) {
16          if (currentChar == vowel) {
17              isVowel = true;
18              break;
19          }
20      }
21      if (isVowel) {
22          vowels += currentChar + " ";
23      } else {
24          consonants += currentChar + " ";
25      }
26  }
27  }
28  System.out.println("Consonants: " + consonants);
29  System.out.println("Vowels: " + vowels);
30
31  scanner.close();
32  }
33  }
34
```

```
java -cp /tmp/SpIHbnDwod SeparateConsonantsAndVowels
Enter a word: engineering
Consonants: n g n r n g
Vowels: e i e e i
```