

E611.java

```
1 import java.util.Scanner;
2
3 public class E611 {
4
5     public static void main(String[] args) {
6         //Scan in input
7         Scanner scan = new Scanner (System.in);
8         int vowel = 0;
9         System.out.println("Enter a string: ");
10        String input = scan.nextLine();
11
12        //Prints number of vowels
13        for (int i = 0; i < input.length(); i++) {
14            if (input.charAt(i) == 'a' || input.charAt(i) == 'A' ||
15                input.charAt(i) == 'e' || input.charAt(i) == 'E' ||
16                input.charAt(i) == 'i' || input.charAt(i) == 'I' ||
17                input.charAt(i) == 'o' || input.charAt(i) == 'O' ||
18                input.charAt(i) == 'u' || input.charAt(i) == 'U' ||
19                input.charAt(i) == 'y' || input.charAt(i) == 'Y') {
20                vowel++;
21            }
22        }
23        System.out.println("Number of vowels: " + vowel);
24
25    }
26 /*
27  * Enter a string:
28 Harry
29 Number of vowels: 2
30 */
31 }
32
```