

# C++ Fundamentals – Regular Exam – 10 December 2023

Please submit your source code to all below-described problem in [Judge](#).

## 1. How Many Vowels?

Write a program that:

- Read **integer number N**, which is the number of **space-separated characters** that will follow
- **Count the vowels letters** from the input and the **non-vowels letters** from the input
- Print the **number of vowels**, followed by a space and the number of **non-vowels**

### Hints:

1. Vowels are the letters **a, e, i, o, u** and **y**
2. Be careful of the capitalization, as you may get capital letters
3. You may get characters, which are not letters (for example: **(, +, -, @, \$**)

### Examples

Input	Output	Explanation
17 n E s g p a # f y e b s i r t u s	6 10	The vowels in the input are 6: <b>E, a, y, e, i</b> and <b>u</b> , in that order.  All the rest are non-vowels.

Input	Output	Explanation
10 n A W s D ( i q ) y	3 5	The vowels in the input are 3: <b>A, i</b> and <b>y</b> .  The rest are non-vowels.