

```
1 use std::str::Chars;
2
3 struct ConsIter<'a>{
4     iter: Chars<'a>
5 }
6
7 struct Wrapper{
8     inner: String
9 }
10
11 impl Wrapper{
12     fn iter(&self)->ConsIter{
13         ConsIter{iter: self.inner.chars()}
14     }
15 }
16
17 impl<'a> Iterator for ConsIter<'a>{
18     type Item = char;
19
20     fn next(&mut self) -> Option<Self::Item> {
21         while let Some(ch) = self.iter.next() {
22             let lower = ch.to_ascii_lowercase();
23             if ch.is_ascii() && !"aeiou".contains(lower) {
24                 return Some(ch); // Yield consonants and non-vowels
25             }
26         }
27         None // End of iteration
28     }
29 }
```