

22C:16 Practice for Quiz 8

1. For this problem, suppose that `s` is the string "To be or not to be, that is the question.". What does each of the following expression evaluate to?

(a) `s.isalpha()`

(b) `s.split("be")`

(c) `s.replace(" ", "*").split()`

(d) `chr(ord("a") + ((ord("y") - ord("a") + 4) % 26))`

(e) `"".join(s.split())`

2. The file "input.txt" contains many lines that are consecutively repeated. In other words, the file might contain 5 lines, with the first three lines identical and distinct from the last two lines, which are also identical. Write a program that reads from "input.txt" and outputs exactly one representative line for each contiguous sequence of identical lines. For example, the file might contain:

```
Dear students,  
Dear students,
```

Dear students,
Use the back for your program.
Use the back for your program.
Write as neatly as you can.
Dear students,

As output your program should produce:

Dear students,
Use the back for your program.
Write as neatly as you can.
Dear students,
