

5. Syntax Mastery (2 points). Give the output of `main`. You may not need all lines provided.

```
public class Sklarp implements Iterable<Character>, Iterator<Character> {
    public char[] contents;
    public char magicCharacter;
    public int k;

    public Sklarp(char[] s, Character c) {
        contents = s;
        magicCharacter = c;
        k = 0;
    }

    public Iterator<Character> iterator() {
        return this;
    }

    public boolean hasNext() {
        return k < contents.length;
    }

    public Character next() {
        if (k % 3 == 0) {
            contents[k] = magicCharacter;
        }
        char returnChar = contents[k];
        k += 1;
        return returnChar;
    }

    public void remove() { throw new UnsupportedOperationException(); }

    public static void main(String[] args) {
        Sklarp g = new Sklarp("Zeoidei".toCharArray(), 'r');
        for (Character c : g) {
            System.out.print(c);
        }
        System.out.println();
        for (Character c : g) {
            System.out.print(c);
        }
        System.out.println();    }    }
```