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////////// Student //////////

import Foundation
import XCPlayground

let name = "Aaron Anderson"
let email = "irvingmichael@gmail.com"
let section = "2015 Summer MW 5:30pm"

// Done!
////////// Lab 1 //////////

let path =
    XCSharedDataDirectoryPath.stringByAppendingPathComponent("propernames")

let namesFile = String(
    contentsOfFile: path,
    encoding: NSUTF8StringEncoding,
    error: nil)!

//
////////// Lab 2 //////////

let names = namesFile.componentsSeparatedByCharactersInSet(NSCharacterSet.
    newlineCharacterSet())

//
////////// Lab 3 //////////

var frPrefixArray: [String] = []
var zSuffixArray: [String] = []
let vowelArray: [String] = ["A", "E", "I", "O", "U"]
var vowelPrefixArray: [String] = []

for thisName in names {
    if thisName.hasPrefix("Fr") {
        frPrefixArray.append(String(thisName))
    }
}

for thisName in names {
    if thisName.hasPrefix("z") {
        zSuffixArray.append(String(thisName))
    }
}

for thisName in names {
    for vowel in vowelArray {
        if thisName.hasPrefix(vowel) {
            vowelPrefixArray.append(String(thisName))
        }
    }
}

println(frPrefixArray)
```

```
println(zSuffixArray)
println(vowelPrefixArray.count)

//
```