import UIKit

// Solution to Ex 7

// Ex 1

func move\_to\_last(\_ str: String) -> String {

var str = str

let first\_char = str.removeFirst()

let second\_char = str.removeFirst()

str.append(first\_char)

str.append(second\_char)

return String(str)

}

// Ex 2

func move\_to\_first(\_ str: String) -> String {

var str = str

let last\_char = str.removeLast()

let secondLast\_char = str.removeLast()

str.insert(last\_char, at: str.startIndex)

str.insert(secondLast\_char, at: str.startIndex)

return String(str)

}

// Ex 3

func insert\_string(\_ str1: String, \_ str2: String) -> String {

var str1 = str1

str1.insert(contentsOf: str2, at: str2.index(after: str1.startIndex))

return str1

}

insert\_string("hello", "all")

// Ex 4 like 3

// Ex 5

func cut\_half(\_ str: String) -> String {

// var str = str

return String(str.prefix((str.count)/2))

}

cut\_half("hello students")

//Ex 6

func middleChars(\_ str: String) -> String {

var twoLetters = ""

guard str.count % 2 == 0 else {

print("Insert an even number")

return twoLetters

}

var first\_half = String(str.prefix((str.count)/2))

var second\_half = String(str.suffix((str.count)/2))

twoLetters += String(first\_half.removeLast()) + String(second\_half.removeFirst())

return twoLetters

}

middleChars("Hello")

// Ex 7

func startWith\_ab(\_ str : String) -> Bool {

return (str.hasPrefix("ab")) ? true : false

}

startWith\_ab("absdsf")

// Ex 8

func joinString(\_ str1: String, \_ str2: String) -> String {

var str1 = str1

if str1.last == str2.first {

str1.removeLast()

}

return str1 + str2

}

joinString("axy", "yzo")

//Ex 9

func strWithout\_a(\_ str1: String) -> String {

var str1 = str1

if str1.hasPrefix("a")

{

str1.removeFirst()

}

if str1.hasSuffix("a")

{

str1.removeLast()

}

return str1

}

func firstLastTwoChars(\_ str : String) -> Bool {

return (str.hasPrefix(str.suffix(2))) ? true : false

}

firstLastTwoChars("abhklhlkab")