Brian's Study Guide notes CPSC-223W Swift

Midterm #2

ALL QUIZZES

Thursday, November 5, 2020

- Quiz 5: Optionals, Type casting, and Inspection
- Closed
- **Due** Oct 13 at 1:35pm
- Oct 13 at 1:35pm
- 9 pts
- 3 Questions
 - Quiz
- Quiz 6: Guards and Enumeration
- Closed
- **Due** Oct 20 at 1:35pm
- Oct 20 at 1:35pm
- 6 pts
- 2 Questions
 - Quiz
- Quiz 6: Protocols and Saving data
- Closed
- **Due** Oct 27 at 1:35pm
- Oct 27 at 1:35pm
- 9 pts
- 2 Questions
 - Quiz
- Quiz 7: Closures
- Closed
- **Due** Nov 3 at 1:35pm
- Nov 3 at 1:35pm
- 5 pts
- 2 Questions
 - Quiz
- Exam 2
- Not available until Nov 5 at 2:20pm
- Nov 5 at 2:20pm
- Due Nov 5 at 3:20pm
- Nov 5 at 3:20pm
- 50 pts
- 14 Questions

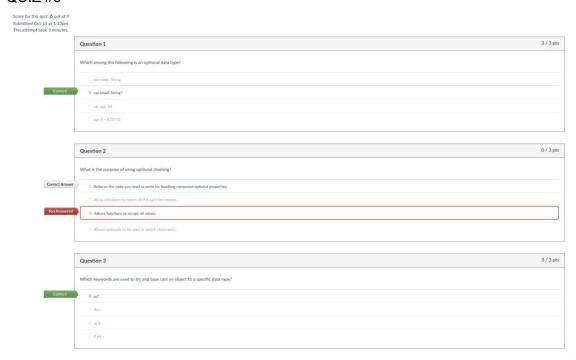
Brian's Study Guide notes CPSC-223W Swift

Midterm #2

ALL QUIZZES

Thursday, November 5, 2020

QUIZ #5



Quiz Score: 6 out of 9

Brian's Study Guide notes CPSC-223W Swift Midterm #2

ALL QUIZZES

Thursday, November 5, 2020

QUIZ #6:

```
Question 1

Complete the guard statement so that the failable initializer returns nil if the end point is before the starting point of the running route.

Otherwise, the initializer should create the RunRoute.

struct RunRoute {
    var start: Int
    var end: Int
    init?(start: Int, end: Int) {
        guard start < end else {
            return nil
        }
        self.start = start
        self.end = end
    }
}

Answer 1:

Correct!

Start < end
```

```
Assuming that the eat function accepts a Fruit enumeration value as a parameter, how would you correctly call it?

enum Fruit {
    case apple, banana, avocado
  }

eat(fruit: .apple )

Answer 1:
.apple
```

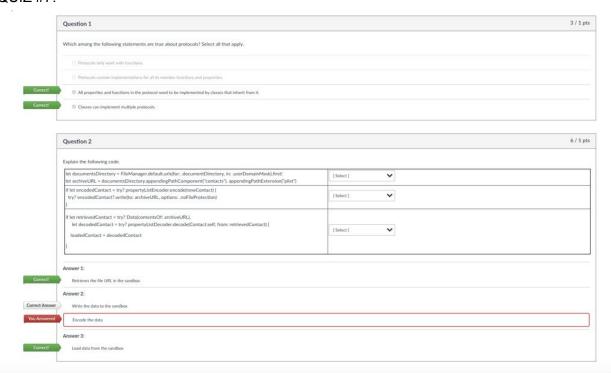
Brian's Study Guide notes CPSC-223W Swift

Midterm #2

ALL QUIZZES

Thursday, November 5, 2020

QUIZ #7:



Out-

ALL QUIZZES

Thursday, November 5, 2020

QUIZ #8:

```
Question 1
                 Which among the following code snippets show the use of closures? Select all that apply.
Correct!
                         func getEncoder(_ encoder: String) \rightarrow (String) \rightarrow String { if encoder \leftarrow "Reverse" {
                             return (
                              value -> String in
                               return String(value.reversed())
                           } else if encoder -- "Inserter" {
                            return (
                              value -> String in
                               var newValue =
                              for symbol in value {
                                newValue.append(symbol)
                                 newValue.append("ariou".randomElement()!)
                               return newVolue
                             )
                           )
                           return (
                            value -> String in
                             return String(value.reversed())
                     0 )
                         var grades = [98.0, 97.0, 88.0, 95.0]
                         let sum: Double = grades.reduce(0.0) {
                           (runningValue, newValue) -> Double in
                           return runningValue + newValue
                     print("Average: \(sum/Double(grades.count))")
Correct!
                         struct CSUFClass {
                           var students: [String]
                          var instructor: String
var location: String
                          var schedule: String
                           var saveStrategy: (CSUFClass, String) -> Void
                           func save(filename: String) {
                             saveStrategy(self, filename)
                     E )
Correct!
                          func display(numericalData: [Int], view: (Int)->Vaid) {
                           for num in numericalData {
                             view(num)
                           )
                      E }
```

Brian's Study Guide notes CPSC-223W Swift Midterm #2

ALL QUIZZES

Thursday, November 5, 2020

