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FBLA-QuizME
import Foundation
import UIKit
class WordProcessing: UIViewController {
    // Set up variables that represent labels and buttons on the storyboard
   @IBOutlet weak var QuestionLabel: UILabel!
    @IBOutlet weak var Answer1: UIButton!
    @IBOutlet weak var Answer2: UIButton!
    @IBOutlet weak var Answer3: UIButton!
    @IBOutlet weak var Answer4: UIButton!
   @IBOutlet weak var NextQuestion: UIButton!
   @IBOutlet weak var ScoreLabel: UILabel!
   var randomQuestionArray:[Int] = [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]
    override func viewDidLoad() {
        super.viewDidLoad()
        NextOuestion.isHidden = true
        Answer1.layer.borderWidth=1
        Answer1.layer.borderColor=UIColor.darkGray.cgColor
        Answer1.layer.cornerRadius=5
        Answer2.layer.borderWidth=1
        Answer2.layer.borderColor=UIColor.darkGray.cgColor
        Answer2.layer.cornerRadius=5
        Answer3.layer.borderWidth=1
        Answer3.layer.borderColor=UIColor.darkGray.cgColor
        Answer3.layer.cornerRadius=5
        Answer4.layer.borderWidth=1
        Answer4.layer.borderColor=UIColor.darkGray.cgColor
        Answer4.layer.cornerRadius=5
        Answer1Correct = false
        Answer2Correct = false
        Answer3Correct = false
        Answer4Correct = false
        // As soon as the view loads start generating the questions
        RandomQuestions()
        ScoreNumber = 0
    override func didReceiveMemoryWarning() {
        super.didReceiveMemoryWarning()
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func rightAnswer() {
           NextQuestion.isHidden = false
           ScoreNumber = Int(ScoreNumber) + 2
           ScoreLabel.text = String(format: "%i", ScoreNumber)
     }
     func wrongAnswer() {
           ScoreNumber = Int(ScoreNumber) - 1
           ScoreLabel.text = String(format: "%i", ScoreNumber)
     func RandomQuestions(){
           Answer1.isEnabled = true
           Answer2.isEnabled = true
           Answer3.isEnabled = true
           Answer4.isEnabled = true
           // This makes randomIndex represent the number of questions available for this
           let randomIndex = Int(arc4random uniform(UInt32(randomQuestionArray.count)))
answered
           if randomQuestionArray.count > -1 {
                 switch (randomQuestionArray[randomIndex]) {
                 case 0:
                      QuestionLabel.text = "On Wednesday we will attend"
Answer1.setTitle("their track mete", for: .normal)
Answer2.setTitle("their track meet", for: .normal)
Answer3.setTitle("there track meat", for: .normal)
Answer4.setTitle("their track meat", for: .normal)
                       Answer2Correct = true
                 case 1:
                       QuestionLabel.text = "The proofreader's mark \"stet\" means"
                       Answer1.setTitle("no new paragraph", for: .normal)
                       Answer2.setTitle("transpose", for: .normal)
Answer3.setTitle("let it stand", for: .normal)
                       Answer4.setTitle("close up", for: .normal)
                       Answer3Correct = true
                 case 2:
                       QuestionLabel.text = "A subject line is related to"
Answer1.setTitle("the body of the leter", for: .normal)
Answer2.setTitle("the inside address", for: .normal)
                       Answer3.setTitle("the salutation", for: .normal)
Answer4.setTitle("the attention line", for: .normal)
                       Answer1Correct = true
                 case 3:
                       QuestionLabel.text = "The enclosure notation is typed a double space
below the"
                      Answer1.setTitle("reference initials", for: .normal)
Answer2.setTitle("open", for: .normal)
Answer3.setTitle("title", for: .normal)
Answer4.setTitle("double", for: .normal)
                       Answer1Correct = true
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case 4:
                        QuestionLabel.text = "To return to a single Word window from a split
window, click Window on the menu bar and then click"
                       Answer1.setTitle("Full Screen", for: .normal)
Answer2.setTitle("Remove Split", for: .normal)
Answer3.setTitle("Single Window", for: .normal)
                        Answer4.setTitle("Restore", for: .normal)
                        Answer2Correct = true
                        QuestionLabel.text = "How do you move to the beginning of a document?"
                        Answer1.setTitle("[Home]", for: .normal)
Answer2.setTitle("[Ctrl]+[Home]", for: .normal)
                        Answer3.setTitle("[PageUp]", for: .normal)
Answer4.setTitle("[Ctrl]+[PageUp]", for: .normal)
                        Answer2Correct = true
                  case 6:
                        QuestionLabel.text = "Which of the following is the preferred text
alignment in a three-column document?"
                       Answer1.setTitle("Left", for: .normal)
Answer2.setTitle("Right", for: .normal)
Answer3.setTitle("Center", for: .normal)
Answer4.setTitle("Justified", for: .normal)
                        Answer1Correct = true
                  case 7:
                        QuestionLabel.text = "Notes or annotations you add to a document are
called"
                        Answer1.setTitle("comments", for: .normal)
                       Answer2.setTitle("suggestions", for: .normal)
Answer3.setTitle("revisions", for: .normal)
Answer4.setTitle("reviews", for: .normal)
                        Answer1Correct = true
                  case 8:
                        QuestionLabel.text = "What happens when you narrow te space between
columns without changing the number of columns?"

Answer1.setTitle("Columns widen", for: .normal)

Answer2.setTitle("Columns narrow", for: .normal)
                        Answer3.setTitle("Space between columns does not affect column width",
for: .normal)
                        Answer4.setTitle("None of the above", for: .normal)
                        Answer1Correct = true
                  case 9:
                        QuestionLabel.text = "What is the name of the feature for changing a
picture to a percentage of its original size?"

Answer1.setTitle("Size", for: .normal)

Answer2.setTitle("Scale", for: .normal)

Answer3.setTitle("Crop", for: .normal)
                        Answer3Correct = true
                  case 10:
                        QuestionLabel.text = "What is an antonym?"
                       Answer1.setTitle("Word with similar meaning", for: .normal)
Answer2.setTitle("Word with equivalent meaning", for: .normal)
Answer3.setTitle("Word with opposite meaning", for: .normal)
Answer4.setTitle("Word with multiple meanings", for: .normal)
                        Answer3Correct = true
                  case 11:
                        QuestionLabel.text = "Which of the following is a recommended format
for information in tables?"
                        Answer1.setTitle("Right-align text, right-align numbers", for:
.normal)
                        Answer2.setTitle("Left-align text, left-align numbers", for: .normal)
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Answer3.setTitle("Right-align text, left-align numbers", for: .normal)
                 Answer4.setTitle("Left-align text, right-align", for: .normal)
                 Answer4Correct = true
             case 12:
                 QuestionLabel.text = "Which of the following inserts a nonbreaking
                 Answer1.setTitle("[Ctrl]+[Spacebar]", for: .normal)
                 Answer2.setTitle("[Shift] + [Spacebar]", for: .normal)
Answer3.setTitle("[Ctrl] + [Shift] + [Spacebar]", for: .normal)
                 Answer4.setTitle("None of the above", for: .normal)
                 Answer3Correct = true
             case 13:
                 QuestionLabel.text = "In a business letter, you generally ____ to
indicate the beginning of a new paragraph.
                 Answer1.setTitle("date", for: .normal)
                 Answer2.setTitle("single space", for: normal)
Answer3.setTitle("skip a line", for: normal)
                 Answer4.setTitle("none of the above", for: .normal)
                 Answer3Correct = true
             default:
                 break
             randomQuestionArray.remove(at: randomIndex)
        }
         if (randomQuestionArray.count < 1) {</pre>
             let alert = UIAlertController(title: "Wow!", message: "You have reached
the last question for Word Processing! Nice Job! Complete this question and then click
on 'Your Score' for a rating!", preferredStyle: .alert)
alert.addAction(UIAlertAction(title: "Continue", style: .default, handler:
{ action in
                 switch action.style{
                 case .default:
                      print("default")
                 case .cancel:
                      print("cancel")
                 case .destructive:
                      print("destructive")
                 }}))
             self.present(alert, animated: true, completion: nil)
             NextQuestion.isEnabled = false
        }
    @IBAction func Answer1(_ sender: Any) {
         if Bool(Answer1Correct) == true {
             rightAnswer()
             Answer1.layer.backgroundColor = UIColor.green.cgColor
             Answer1.isEnabled = false
             Answer2.isEnabled = false
             Answer3.isEnabled = false
             Answer4.isEnabled = false
         } else {
             wrongAnswer()
             Answer1.laver.backgroundColor = UIColor.red.cgColor
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Answer1.isEnabled = false
    }
}
@IBAction func Answer2(_ sender: Any) {
    if Bool(Answer2Correct) == true {
        rightAnswer()
        Answer2.layer.backgroundColor = UIColor.green.cgColor
        Answer2.isEnabled = false
        Answer1.isEnabled = false
        Answer3.isEnabled = false
        Answer4.isEnabled = false
    } else {
        wrongAnswer()
        Answer2.layer.backgroundColor = UIColor.red.cgColor
        Answer2.isEnabled = false
    }
@IBAction func Answer3(_ sender: Any) {
    if Bool(Answer3Correct) == true {
        rightAnswer()
        Answer3.layer.backgroundColor = UIColor.green.cgColor
        Answer3.isEnabled = false
        Answer1.isEnabled = false
        Answer2.isEnabled = false
        Answer4.isEnabled = false
    } else {
        wrongAnswer()
        Answer3.layer.backgroundColor = UIColor.red.cgColor
        Answer3.isEnabled = false
    }
}
@IBAction func Answer4(_ sender: Any) {
    if Bool(Answer4Correct) == true {
        rightAnswer()
        Answer4.layer.backgroundColor = UIColor.green.cgColor
        Answer4.isEnabled = false
        Answer1.isEnabled = false
        Answer2.isEnabled = false
        Answer3.isEnabled = false
    } else {
        wrongAnswer()
        Answer4.layer.backgroundColor = UIColor.red.cgColor
        Answer4.isEnabled = false
    }
}
@IBAction func NextQuestion(_ sender: Any) {
    Answer1.layer.backgroundColor = UIColor.white.cgColor
    Answer2.layer.backgroundColor = UIColor.white.cgColor
    Answer3.layer.backgroundColor = UIColor.white.cgColor
    Answer4.layer.backgroundColor = UIColor.white.cgColor
    NextQuestion.isHidden = true
    Answer1Correct = false
    Answer2Correct = false
    Answer3Correct = false
    Answer4Correct = false
    RandomQuestions()
```