**Strings01**

Assume that we have declared and initialized the below string fact:

**var fact = "Swift is a type safe language"**

**var dev = "Development of Swift began in 2010"**

**var author = "Swift was created by Chris Lattner"**

Evaluate each of the following expressions.

1. **fact.count**

**Ans: 29 - ✅**

1. **fact += ", it has a better memory management"**

**Ans: Swift is a type safe language, it has a better memory management - ✅**

1. **dev.append(" by Apple")**

**Ans: Development of swift began in 2010 by Apple - ✅**

1. **author.lowercased()**

**Ans: swift was created by chris latter. - ✅**

1. **author.uppercased()**

**Ans: SWIFT WAS CREATEDBY CHRIS LATTNER - ✅**

1. **author[author.startIndex]**

**ANS: S - ✅**

1. **author[author.index(before: author.endIndex)]**

**Ans: r - ✅**

1. **dev[dev.startIndex]**

**Ans: D - ✅**

1. **dev[dev.index(before: dev.endIndex)]**

**Ans: 0 - ✅**

1. **author[author.index(after: author.startIndex)]**

**Ans: w - ✅**

1. **author[author.index(author.startIndex,offsetBy: 5)]**

**Ans: space - ✅**

1. **author[author.index(author.endIndex,offsetBy: -5)]**

**Ans: t - ✅**

1. **fact[fact.index(fact.endIndex,offsetBy: -4)]**

Ans: m - ✅