Practice: Kotlin

- Due No due date
- Points 5
- Questions 5
- Time limit None
- Allowed attempts Unlimited

Instructions

This is a very short quiz, however it is based on a larger bank of questions. Feel free to potter back in every now and then and use this as a warmup.

Questions have been borrowed from online sources (**https://kotlinquiz.com/** ⤵ **(https://kotlinquiz.com/)** , **https://www.onlineinterviewquestions.com/kotlin-mcq/** ⤵ **(https://www.onlineinterviewquestions.com/kotlin-mcq/)**).

<div style="border:1px solid; padding:8px; display:inline-block;">

Take the quiz again

</div>

Attempt history

	Attempt	Time	Score
LATEST	**Attempt 1**	80 minutes	0 out of 5

> ⚠ Correct answers are hidden.

Submitted 14 Aug at 14:56

⠿

IncorrectQuestion 1

0 / 1 pts

Does Kotlin have or use primitive data types, such as int, float, and string?

○ No, Kotlin does not have nor use primitive data types

○ No, not at language level, but the compiler makes use of JVM primitives for performance

◉ Yes, Kotlin is similar to Java in this respect

Unfortunately it is not.

○ Yes, but Kotlin internally always converts them to non-primitive counterparts

⠿

IncorrectQuestion 2

0 / 1 pts

What is an immutable variable?

○ A variable that cannot change

◉ A variable that can change

That would be a mutable variable.

○ A variable used for string interpolation

⣿

IncorrectQuestion 3

0 / 1 pts

What does the following code print?

```
val listA = mutableListOf(1,2,3)
val listB = listA.add(4)
print(listB)
```

◉ [1,2,3,4]

You might want to check the return value for list.add
(**https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-mutable-list/add.html** ⤷
(https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-mutable-list/add.html)). But this is a good attempt.

○ true

○ Unit

○ Will not compile

⣿

IncorrectQuestion 4

0 / 1 pts

How do you find the length of a String str in Kotlin?

◉ str.length()

That's Java.

○ str.count

○ str.Length

○ str.length

○ len(str)

⣿

IncorrectQuestion 5

0 / 1 pts

Which is a valid function declaration in Kotlin?

◉ int sum(int a, int b)

Take a look at the ordering of the parameter types.

○ fun sum(a: Int, b: Int): Int

○ function sum(a: Int, b: Int): Int

○ int sum(a: Int, b: Int)