

5.1: Extensions

Answer these questions

Question 1

Which one of the following returns a copy of a list?

- ☐ `add()`
- ☐ `remove()`
- ☒ `reversed()`
- ☐ `contains()`

Question 2

Which one of these extension functions on `class AquariumPlant(val color: String, val size: Int, private val cost: Double, val leafy: Boolean)` will give a compiler error?

- ☐ `fun AquariumPlant.isRed() = color == "red"`
- ☐ `fun AquariumPlant.isBig() = size > 45`
- ☒ `fun AquariumPlant.isExpensive() = cost > 10.00`
- ☐ `fun AquariumPlant.isNotLeafy() = leafy == false`

Question 3

Which one of the following is not a place where you can define constants with `const val`?

- ☐ at the top level of a file
- ☒ in regular classes
- ☐ in singleton objects
- ☐ in companion objects