* Which of the following is NOT a benefit of using the Kotlin language?

 Kotlin distinguishes between nullable and non-nullable data types.  
 Kotlin is a supported language for building Android apps.  
 Kotlin is designed so you can write less code with fewer bugs.  
 Your code compiles faster in Kotlin.

* Classes have a special method that serves as a blueprint for creating objects of that class. What is the method called?

A constructor

* Which of the following is NOT a Kotlin visibility modifier for properties, methods, etc.?

 nosubclass

* Which of the following statements about interfaces and abstract classes is NOT correct?

 Interfaces and abstract classes can be instantiated directly.

* What is the purpose of the question mark in this code? var rocks: Int? = 3

 The variable rocks can be set to null.

* In the following function definition, which one of the parameters is required?

fun shouldChangeWater (day: String, temperature: Int = 22, dirty: Int = 20, numDecorations: Int = 0): Boolean {...}

 day

* Which of the following statements are valid?

Choose as many answers as you see fit.

val words: List<String> = listOf("jump", "run", "skip")

val oddNumbers = mutableListOf("2", "8", "12")

val list = listOf(3, 7, 10)

8-In the below code, should be written in the for loop, so that the output returned is the list of numbers 1 through 3, with each number printed on a new line.

val numbers = listOf(1, 2, 3)

for (num in numbers ) {  
  println(num)  
}

9-Before running the below code, simpleList should be initialized as a

* mutableListOf<String>

println(simpleList)  
simpleList.add(-5)  
simpleList.remove(4)  
println(simpleList)

10- In the below code,  should be written in the (-----), so that the output returned

fun main(){

val list = listOf(1, 2, 3, 4)

var index = 0

while (index < list.size) {

println("Index is: ${list[index]}")

index++

}

}