1. 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.



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

A constructor



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

 nosubclass



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

Interfaces and abstract classes can be instantiated directly.



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

The variable rocks can be set to null..

1. 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



1. 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> list.

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



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

var index = 0

while (index < list.size) {

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

index++

}