

Section 4: Kotlin Programming

Now that you are done with the videos of section 4, let's assess your learning. Here, are a few questions, followed by 4 options, out of which 1 is the correct option. Select the right option and validate your learning! The answers are provided in a separate sheet

1. Who among the following has designed the Kotlin Language?
 - a. Sun Microsystems
 - b. b. Rich Hickey
 - c. JetBrains
 - d. James Gosling
2. which of the following are two popular build tools that Kotlin developers use?
 - a. Hudson and Jenkins
 - b. Gradle and Maven
 - c. SBT and Hudson
 - d. Maven and Jenkins

3. Observe the following line of code. Will this code run in the Kotlin REPL? If not, why.

var k: Int = null

- a. Yes, this will run without errors
- b. No, an error will occur because Kotlin's type system will not allow nullvalues for the Int type
- c. No, a mutable variable defined with var can never be initialized with null
- d. Kotlin uses the nil keyword instead of null for null references

4. Which one of the following command is used to compile the project using Maven?

- a. mvn exec:compile
- b. mvn compile:java
- c. compile exec:java
- d. mvn compile