


Introduction to Kotlin

Let's do a quick test! You must answer at least 5 questions correctly to pass this quiz.




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1. What is a program?





- ☐ A specific task
- ☐ A tool that helps you write Kotlin code
- ☒ A series of instructions that a computer system executes to accomplish some action  **Correct!**
- ☐ A defined set of instructions that tells your computer to print "Happy Birthday!"

2. Which keyword do you use to define a function in Kotlin?

- ☒ `fun`  **Correct!**
- ☐ `func`
- ☐ `function`
- ☐ `newFunction`
- ☐ `main`


3. Which of the following do you need to create a Kotlin program that prints a line of text?

Choose as many answers as you see fit.

- ☐ comment describing what your program does
- ☒ a `main()` function  **Correct!**
- ☒ curly braces `{ }` around the instructions to the system  **Correct!**
- ☒ a call to `print()` or `println()`  **Correct!**
- ☒ a piece of text surrounded by quotation marks  **Correct!**


4. What do you expect this Kotlin code to do?

```
fun main(args: Array<String>) {
    println("Hello, world!")
    println("It's a sunny and warm day!")
}
```

- ☐ Print one line of text
- ☒ Print two lines of text  **Correct!**
- ☐ Print three lines of text
- ☐ Print two lines of text separated by a blank line

5. How would you modify this `main()` function so that it prints a 6-layer cake for someone's 4th birthday?

```
fun main() {
    val age = 24
    val layers = 5
    printCakeCandles(age)
    printCakeTop(age)
    printCakeBottom(age, layers)
}
```

- ☐ Set val age to `6`, set val layers to `4`
- ☐ Set val age to `"4"`, set val layers to `"6"`
- ☒ Set val age to `4`, set val layers to `6`  **Correct!**
- ☐ Leave the code as-is

6. Which of these options correctly calls the function, below, and passes it valid input arguments?

```
fun createMessage(name: String, location: String, age: Int) {  
    println("My name is ${name}. I am from ${location}, and I am ${age} years old.")  
}
```

☒ `createMessage("Amy", "Australia", 20)`

✓ Correct!

☐ `createMessage("Evan", England, 9)`

☐ `createMessage("Tom", "Thailand", "40")`



☐ `createMessage(Heather, "Haiti", 7)`

Results

You scored **6 out of 6**. Congratulations! You have passed this quiz.

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