M01 Quiz

Due No due date	**Points** 20	**Questions** 20	**Time Limit** None	**Allowed Attempts** 5

Instructions

This quiz will consists of 20 multiple choice/multiple answer questions worth 1 point each for a total of 20 points. These questions:

Must be completed in 1 sitting, there is No time limit and May take it 5 times (Highest Score is counted)
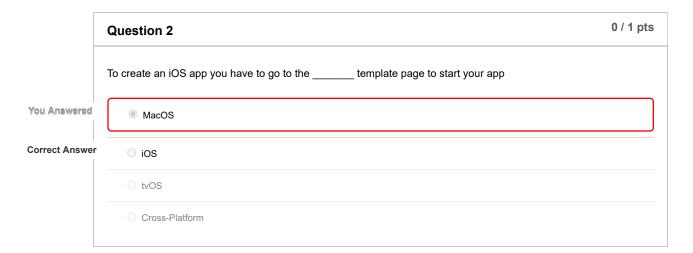
> Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	31 minutes	15.75 out of 20

Score for this attempt: **15.75** out of 20
Submitted Aug 16 at 10:39pm
This attempt took 31 minutes.

Question 1   1 / 1 pts

Correct!

Which of the following will compile clean (not produce an error).

- ☑ var price:Float = 5.2f

- ☐ var price: Float = 5.2

Question 2   0 / 1 pts

To create an iOS app you have to go to the _____ template page to start your app

You Answered
- ⦿ MacOS

Correct Answer
- ○ iOS

- ○ tvOS

- ○ Cross-Platform

Question 3   1 / 1 pts

Which of the following is the correct output for this code:

var x= arrayOf(10, 20, 30)

println(x[1])

Correct!

○ ● 20

○ 10

○ 30

○ This code will not compile. It will display a compile error

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Question 4

1 / 1 pts

The language for iOS development is called:

○ Java

Correct!

● Swift

○ Kotlin

○ XCode

Question 5

1 / 1 pts

Kotlin code depends on what you write in the _____. This is the "starting point" of the application. It calls out to other functions / classes / libraries.

Correct!

● main function

○ start function

○ begin function

○ main class

Question 6

1 / 1 pts

What is the output of the following code?

var x:Byte =10

var y:Byte=15

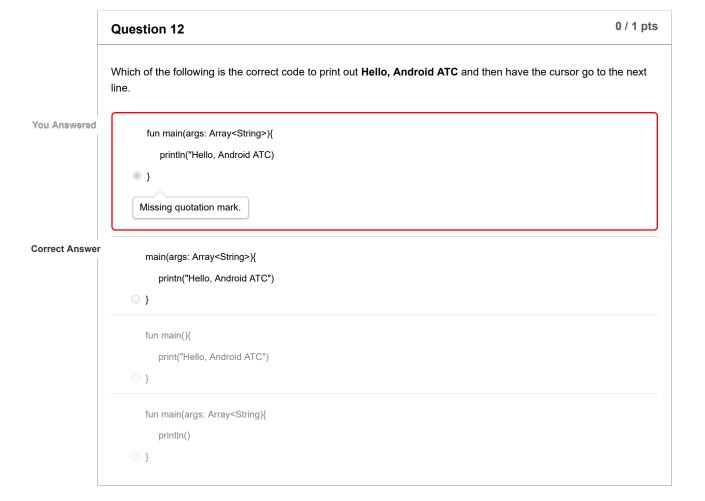fun main(args: Array<String>){

    var z=x+y

    println("z = $z")

}

Correct!

● z = 25

○ Nothing... it will not compile

○ z = $z

○ z = 10011

Question 7   **1 / 1 pts**

The Kotlin plugin is bundled with Android Studio version ___ and later.

Correct!

◉ 3.0

○ 2.5

○ 2.0

○ 1.0

Question 8   **0.75 / 1 pts**

The package name:

Correct!   ☑ uniquely identifies the app on the device

Correct!   ☑ should be unique on the Google Play store

Correct!   ☑ Once you publish the app with this package name that name should never be changed.

Correct Answer ☐ If you were to change the package name, existing users of your application will not see the app as an update

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Question 9   **1 / 1 pts**

The IDE for iOS Development is called

Correct!

◉ XCode

○ Android Studio

○ Kotlin

○ Java

Question 10   **1 / 1 pts**

Which of the following will correctly create an application that will display "Hello World"?

```
fun main(args: Array<String>){
    println("Hello")
}
```

```
fun main(args: Array<String>){
    println(Hello World")
}
```

Correct!

```
fun main(args: Array<String>){
    println("Hello World")
}
```

```
fun main{
    println("Hello World")
}
```

Question 11

1 / 1 pts

Any method / function / block of code written outside the main function will be considered a definition and will be called from the main function to do its work.

Correct!

- ◉ True

- ○ False

Question 12

0 / 1 pts

Which of the following is the correct code to print out **Hello, Android ATC** and then have the cursor go to the next line.

You Answered

```
fun main(args: Array<String>){

    println("Hello, Android ATC)

}
```
Missing quotation mark.

Correct Answer

```
main(args: Array<String>){

    printn("Hello, Android ATC")

}
```

```
fun main(){

    print("Hello, Android ATC")

}
```

```
fun main(args: Array<String){

    println()

}
```

Question 13

1 / 1 pts

The Android App package name should include:

Correct!

- ⦿ Two to three words separated by dots.

- ○ One word

- ○ Two to six words separated by dots

- ○ One sentence

- ○ Three to six words separated by dots.

Question 14

1 / 1 pts

The IDE used for developing Android Apps is called

- ○ Kotlin

- ○ Java

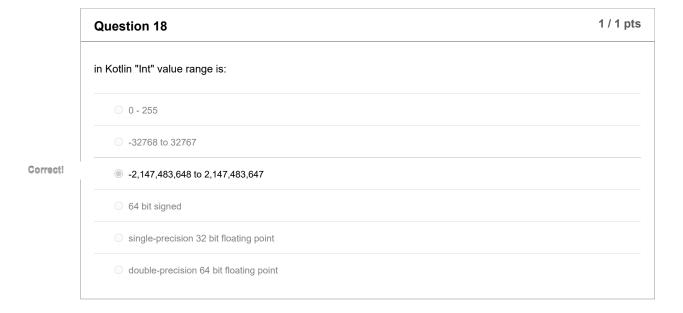- ○ XCode

Correct!

- ⦿ Android Studio

Question 15

1 / 1 pts

In Kotlin Byte value range is:

Correct!

- ⦿ 0 - 255

- ○ -32768 to 32767

- ○ -2,147,483,648 to 2,147,483,647

- ○ 64 bit signed

- ○ single-precision 32 bit floating point
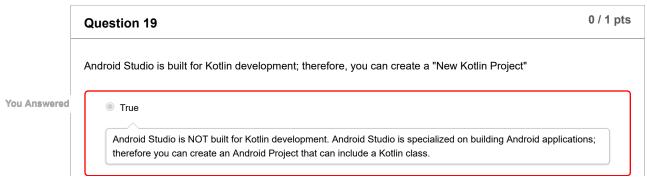
- ○ double-precision 64 bit floating point

Question 16

1 / 1 pts

In Kotlin, which is the correct way to define the variable X as an immutable variable called X and assign it the value of 1?

○ var X=1

Correct!   ● val X=1

○ X=1

○ int X=1

Question 17   1 / 1 pts

In Kotlin "Float" value range is:

○ 0 - 255

○ -32768 to 32767

○ -2,147,483,648 to 2,147,483,647

○ 64 bit signed

Correct!   ● single-precision 32 bit floating point

○ double-precision 64 bit floating point

Question 18   1 / 1 pts

in Kotlin "Int" value range is:

○ 0 - 255

○ -32768 to 32767

Correct!   ● -2,147,483,648 to 2,147,483,647

○ 64 bit signed

○ single-precision 32 bit floating point

○ double-precision 64 bit floating point

Question 19   0 / 1 pts

Android Studio is built for Kotlin development; therefore, you can create a "New Kotlin Project"

You Answered   ● True

Android Studio is NOT built for Kotlin development. Android Studio is specialized on building Android applications;
therefore you can create an Android Project that can include a Kotlin class.

Correct Answer ○ False

Question 20

0 / 1 pts

The operating system for iOS development is

○ Windows

○ Java

Correct Answer ○ MacOS

You Answered ◉ iOS

Quiz Score: **15.75** out of 20