Introducing Kotlin

Kotlin Basic

Entry point:

```kotlin
fun main() {

        println("Hello world!")

}
```

Source: https://kotlinlang.org/docs/reference/basic-syntax.html

Constant and Variables

```
fun main() {

        val name = "joe"

        print("my name is "+name)

}



fun main() {

        var name = "joe"

        var age = 23

        print( "My name is "+name+" and I am $age" )

}
```

Non-Null Types vs Nullable Types

var animal: String = "cat"

animal = null

Non-Null Type

var animal: String? = "cat"

animal = null

Nullable Type

Kotlin Basic (cont'd)

```kotlin
fun sum(a: Int, b: Int): Int {

    return a + b

}



fun main() {

    print("sum of 3 and 5 is ")

    println(sum(3, 5))

}
```

Source: https://kotlinlang.org/docs/reference/basic-syntax.html

Kotlin Basic (cont'd)

```kotlin
fun sum(a: Int, b: Int): Int {

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fun main() {

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Source: https://kotlinlang.org/docs/reference/basic-syntax.html