



UNIVERSITI MALAYSIA TERENGGANU

UMT

CSM3505: PENGATURCARAAN MUDAH ALIH

LAB 2

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Kotlin Playground

Try Kotlin and practice what you've learned so far. Type your code in the window below, and click the button to run it!

```
fun main() {  
    println("Hello, world!")  
}
```

Hello, world!

Target platform: JVM Running on kotlin v. 1.7.21


Kotlin Playground

Try Kotlin and practice what you've learned so far. Type your code in the window below, and click the button to run it!

```
fun main() {  
    println("Hello, Android!")  
}
```

Hello, Android!

Target platform: JVM Running on kotlin v. 1.7.21

When you click the run button, the code you wrote will be sent to a third-party server controlled by JetBrains to be compiled. [Learn more about how JetBrains collects and uses data.](#)  Kotlin is a registered trademark of the Kotlin Foundation.

Kotlin Playground

Try Kotlin and practice what you've learned so far. Type your code in the window below, and click the button to run it!

```
fun main() {  
    println("Hello, Android!")  
    println("Hello, Android!")  
}
```

Hello, Android!
Hello, Android!

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    println("Today is sunny!")  
}
```

❗ Expecting '''
❗ Expecting ')'

Target platform: JVM Running on kotlin v. 1.7.21

Try Kotlin and practice what you've learned so far. Type your code in the window below, and click the button to run it!

```
fun main() {  
    println("Today is sunny!")  
}
```

Today is sunny!

Target platform: JVM Running on kotlin v. 1.7.21

Exercise

1.

```
fun main() {  
    println("1")  
    println("2")  
    println("3")  
}
```

1
2
3

Target platform: JVM Running on kotlin v. 1.7.21

2.

```
fun main() {  
    println("I'm")  
    println("learning")  
    println("Kotlin!")  
}
```

I'm
learning
Kotlin!

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {
    println("Tuesday")
    println("Thursday")
    println("Wednesday")
    println("Friday")
    println("Monday")
}
```

Tuesday
Thursday
Wednesday
Friday
Monday

Target platform: JVM Running on kotlin v. 1.7.21

3.

```
fun main() {
    println("Tomorrow is rainy")
}
```

Tomorrow is rainy

Target platform: JVM Running on kotlin v. 1.7.21

4.

```
fun main() {
    println("There is a chance of snow")
}
```

❗ Unresolved reference: println

Target platform: JVM Running on kotlin v. 1.7.21

5.

```
fun main() {  
    println("There is a chance of snow")  
}
```

There is a chance of snow

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    println("Cloudy")  
    println("Partly Cloudy")  
    println("Windy")  
}
```

Cloudy
Partly Cloudy
Windy

Target platform: JVM Running on kotlin v. 1.7.21

6.

```
fun main() {  
    println("How's the weather today?")  
}
```

How's the weather today?

Target platform: JVM Running on kotlin v. 1.7.21

7.

```
fun main() {  
    val count: Int = 2  
    println(count)  
}
```

2

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    val count: Int = 2  
    println("You have count unread messages.")  
}
```

You have count unread messages.

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    val count: Int = 2  
    println("You have $count unread messages.")  
}
```

You have 2 unread messages.

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    val count: Int = 10  
    println("You have $count unread messages.")  
}
```

You have 10 unread messages.

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    val unreadCount = 5  
    val readCount = 100  
    println("You have ${unreadCount + readCount} total messages in your inbox.")  
}
```

You have 105 total messages in your inbox.

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    val numberOfPhotos = 100  
    val photosDeleted = 10  
    println("$numberOfPhotos photos")  
    println("$photosDeleted photos deleted")  
    println("${numberOfPhotos - photosDeleted} photos left")  
}
```

100 photos
10 photos deleted
90 photos left

Target platform: JVM Running on kotlin v. 1.7.21


```
fun main() {  
    val cartTotal = 0  
    cartTotal = 20  
    println("Total: $cartTotal")  
}
```

❗ Val cannot be reassigned

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    var cartTotal = 0  
    cartTotal = 20  
    println("Total: $cartTotal")  
}
```

Total: 20

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    var cartTotal = 0  
    println("Total: $cartTotal")  
  
    cartTotal = 20  
    println("Total: $cartTotal")  
}
```

Total: 0
Total: 20

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    var count = 10  
    println("You have $count unread messages.")  
    count = count + 1  
}
```

You have 10 unread messages.

Target platform: JVM Running on kotlin v. 1.7.21

```
fun main() {  
    var count = 10  
    println("You have $count unread messages.")  
    count = count + 1  
    println("You have $count unread messages.")  
}
```

You have 10 unread messages.
You have 11 unread messages.

Target platform: JVM Running on kotlin v. 1.7.21

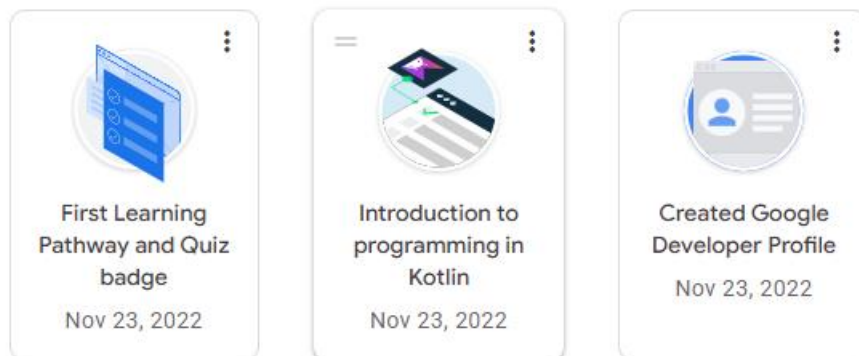
Results

You scored **10 out of 10**. Congratulations! You have passed this quiz.

[Return to pathway](#)

[Next pathway](#)

All Badges



Link github : https://github.com/S59991/Lab2_csm3505