

Assignments > Week 2: Food Delivery Service

Week 2: Food Delivery Service

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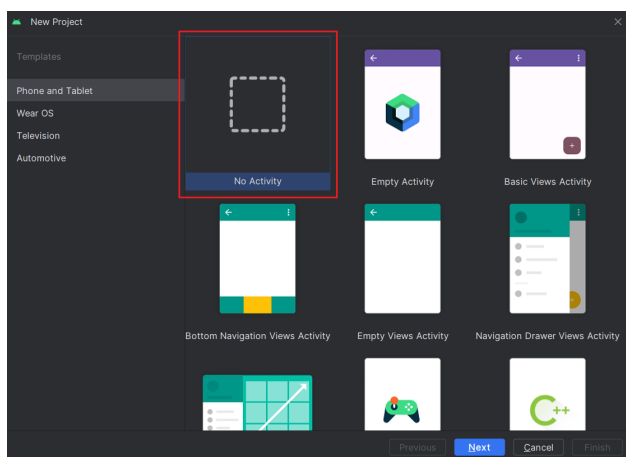
Instructions

Before starting this lab, if you don't have android studio setup yet please do so:
[AndroidStudioSetup](#)

Lab 1 - 10 points

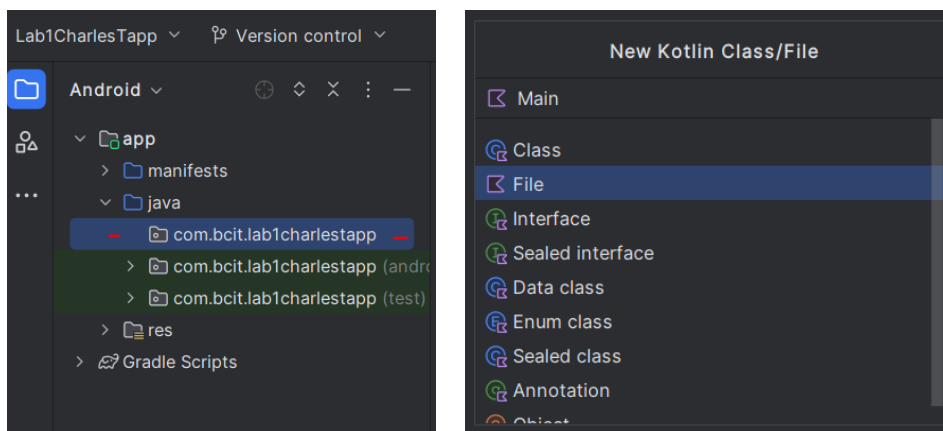
Setup - 2 points

1.) Create a new project with *No Activity*

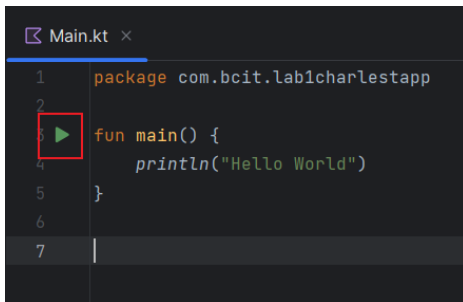


2.) Name it 'Lab1YourName' (replace 'YourName' with your real name)

3.) On your package directory *right click* -> *New* -> *Kotlin class/file* and create a new file called *Main*

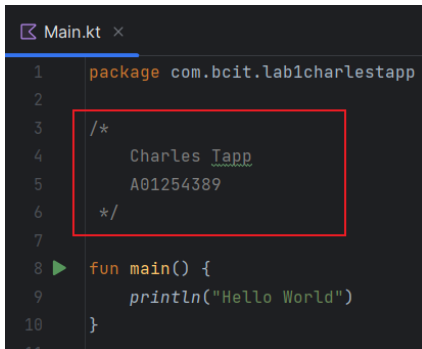


4.) Create a main function and run the program to create a configuration



```
1 package com.bcit.lab1charlestapp
2
3 fun main() {
4     println("Hello World")
5 }
6
7
```

5.) At the top of the file comment in your name and student number

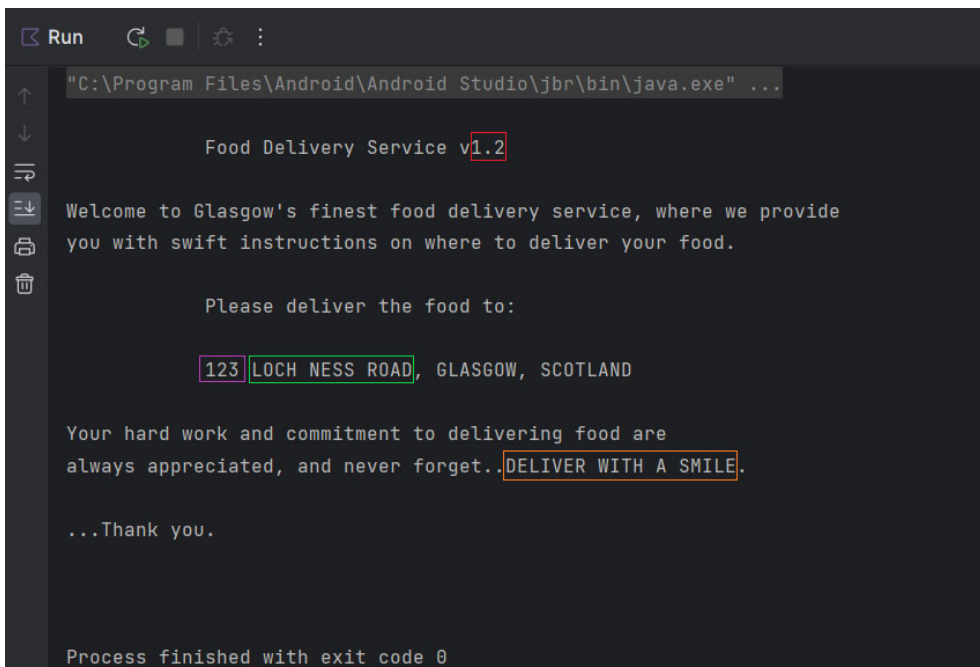


```
1 package com.bcit.lab1charlestapp
2
3 /*
4     Charles Tapp
5     A01254389
6 */
7
8 fun main() {
9     println("Hello World")
10 }
11
```

Program - 8 points

Your goal in the lab is to create a program that displays the exactly formatted messages to the console (colored boxes are for instructions below):

Figure 1



```
Run
"C:\Program Files\Android\Android Studio\jbr\bin\java.exe" ...

Food Delivery Service v1.2

Welcome to Glasgow's finest food delivery service, where we provide
you with swift instructions on where to deliver your food.

Please deliver the food to:

123 LOCH NESS ROAD, GLASGOW, SCOTLAND

Your hard work and commitment to delivering food are
always appreciated, and never forget..DELIVER WITH A SMILE.

...Thank you.

Process finished with exit code 0
```

Figure 2

```
"C:\Program Files\Android\Android Studio\jbr\bin\java.exe" ...
```

```
Starting beta version...
```

```
...
```

Submit

Cancel

```
Food Delivery Service v0.2
```

```
Welcome to Glasgow's finest food delivery service, where we provide
you with swift instructions on where to deliver your food.
```

```
Please deliver the food to:
```

```
null
```

```
Your hard work and commitment to delivering food are
always appreciated, and never forget..DELIVER WITH A SMILE.
```

```
...Thank you.
```

You must create six variables with following rules:

- **VERSION_NUM** is a constant and a Double
- **SLOGAN** is a constant and a String
 - Must be initialized with lowercase characters
- **streetNum** is an Integer
- **streetName** is a String
 - Must be initialized with lowercase characters
- **fullAddress** is a nullable String
 - Must be initialized as an *if* or *when* expression
 - The expression should first check if the **VERSION_NUM** is greater or equal to 1
 - If so, then the expression should return a string concatenating **streetNum**, **streetName** and ", Glasgow, Scotland"
 - Note that the returned string should remain lowercase
 - If not, then print the string from Figure 2 highlighted in pink then return *null*
- **message** is a String
 - The whole message should be stored in this variable

You cannot format any strings using the *+* operator

You must use a String template at least once

You must use the format method and *%s* operator at least once

When you change the **VERSION_NUM** before running the program it should display Figure 1 or Figure 2

When finished show your lab instructor in person to be graded immediately or submit your *Main.kt* file here to be graded later.

Due on Sep 15, 2023 11:59 PM

Available on Sep 11, 2023 7:30 AM. ~~Access restricted before availability starts.~~

Submit Assignment

Files to submit*

(0) file(s) to submit

~~After uploading, you must click Submit to complete the submission.~~

Add a File

Record Audio

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Comments