

Assignments > Week 3: Words

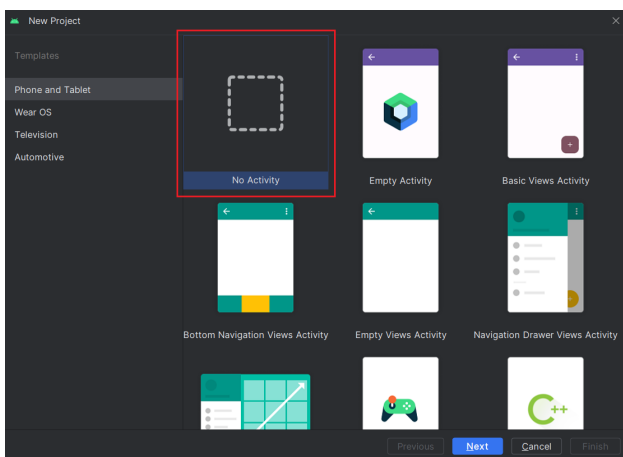
Week 3: Words

[▼ Hide Folder Information](#)

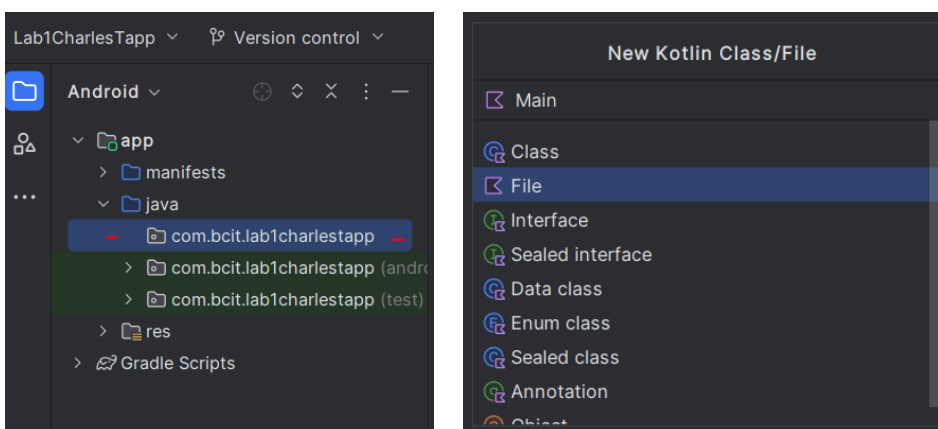
Instructions

Lab 2 - 10 points

Setup - 2 points

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

2.) Name it 'Lab2YourName' (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 information about words. See figure 1 as an example.

Figure 1

```

"C:\Program Files\Android\Android Studio\jbr\bin\java.exe" ...
Words: [The, Quick, Brown, Fox, Went, Over, The, Lazy, Dog]
Word lengths: [3, 5, 5, 3, 4, 4, 3, 4, 3]
Longest word(s): [Quick, Brown]
Shortest word(s): [Dog, The, Fox]

Process finished with exit code 0

```

Rules

- The first line in Figure 1 should display words in an array/list (can be whatever words you want)
- The second line in Figure 1 should display the character length for each word in an array/list respectively
- The third line in Figure 1 should display the longest words
- The fourth line in Figure 1 should display the shortest words
- Your console should display your information in the same format as in Figure 1
- You must have at least one *array*
- You must have at least one *mutableList*
- You must use two different styles of the *for loop*
- You must use a *while loop*
- You must use *foreach*
- You must use *continue* or *break* at least once
- Everything must have a purpose (ex. don't create while loop and have it do nothing)

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 22, 2023 11:59 PM

Available on Sep 18, 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	Record Video
Submit	Cancel	

Comments