Create a calculator app to perform all the standard calculator operations like addition, subtraction, multiplication, divide etc.
 -No edittexts
 -Changing the orientation to landscape(layout qualifier) will display now functionality (Scientific calculator)

The calculator makes use of several when statements to have the correct order of operations. There are no failsafes put in place, so it is easily breakable if you really want to break it.
It places individual number inputs into a string, and then places the full string into an array. Operations get put into another array, and based on order of operations it completes the equation.

qemu-system-x86_64

CalculatorApp [~/AndroidStudioProjects/CalculatorApp] - .../app/src/main/java/com/example/calculatorapp/MainActivity.kt [app]

Sun 11:55 AM   Consultant   45%

CalculatorApp › app › src › main › java › com › example › calculatorapp › MainActivity

Android

- java (generated)
- res
  - drawable
  - layout
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```
214        }
215        operatorList.contains("^") ->
216    {
217        when {
218            operatorList[opCount] == "^" -> {
219                Log.d( tag: "TAG",opCount.toString())
220                Log.d( tag: "TAG",numberList.toString())
                   ...list.toString())
                   Float().pow(numberList[opCount+1].toFloat())).toString()
                   nt)
```

CalculatorApp

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Build: Build Out

⚠ **Build:** completed successfully at 2020-02-02 11:52 with 6 warnings   10 s 434 ms
  ✔ Run build /Users/consultant/AndroidStudioProjects/CalculatorApp   9 s 843 ms
    ✔ Load build   31 ms
    ✔ Configure build   988 ms
    ✔ Calculate task graph   403 ms
    ✔ Run tasks   8 s 389 ms
  ⚠ Kotlin compiler: (6 warnings)
    /Users/consultant/AndroidStudioProjects/CalculatorApp (6 warni

Install successfully finished in 1 s 313 ms.

11:31   Gradle bu   ed in 7 s 336 ms
11:31   Install su   y finished in 1 s 532 ms
11:52   Executin   app:assembleDebug] in project /Users/consultant/AndroidStudioPr
11:52   Gradle bu   ed in 10 s 440 ms
11:52   Install su   finished in 1 s 313 ms

TODO   Terminal   Build   6: Logcat   Profiler   Run

Install successfully finished in 1 s 313 ms. (3 minutes ago)   163:32   LF   UTF-8   4 spaces