

Lesson #6 - Assignment #5

Note: You must submit your GitHub repository link and screenshots of your app flow on Sakai without fail on or before the deadline.

Problem1: Quiz App

[15 points]

Make a Quiz app. Prepare the quiz questions from the Kotlin Fundamentals knowledge.

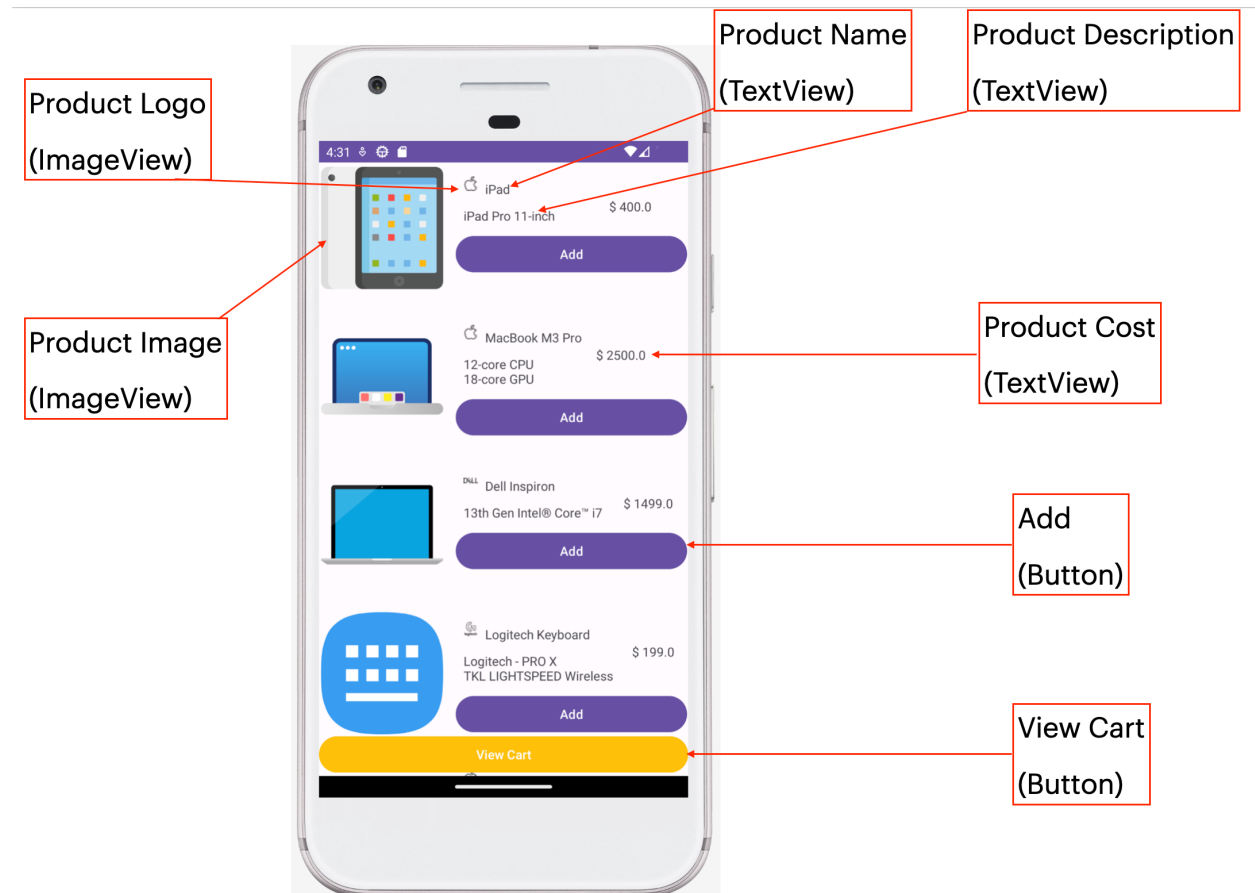
The following are the requirements

- Create a first question from Kotlin fundamentals with four choices of Radio buttons using RadioGroup.
- Create a second question from Kotlin fundamentals with four choices of Check Box.
- At the end of the Screen create two Buttons Submit and Reset.
- If the user clicks the submit button, opens an Alert dialog that shows the current date and time submitted with the score. (Each question carries 50 points). For example, if only one is correct, your dialog message will be "Congratulations! You submitted on the current date and time, you achieved 50%"
[Date and time format are up to you]
- If the user selects the Reset button clear selected choices and the screen will be ready to take the quiz.

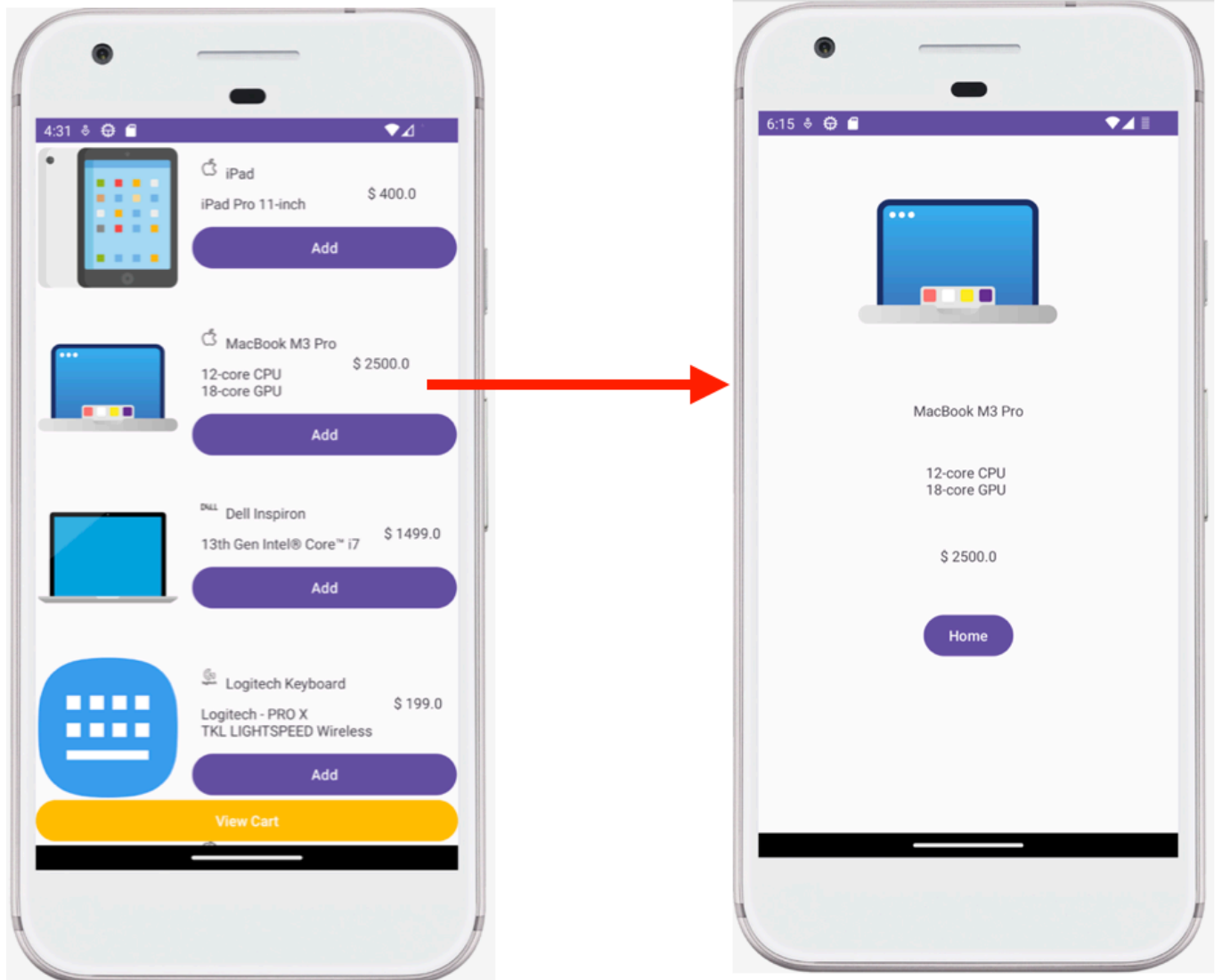
Problem:2

[20 points]

Create a RecyclerView for the Electronics Items as mentioned below.



If the user clicks the item from the list, you have to show the detailed view as shown in the screen below.



Create a Data class Product class with the following information to perform this task.

```
data class Product(val productName: String, val productDescription: String, val cost: Double)
```

Make an ArrayList<Product> in MainActivity.kt to store at least five Product objects to show it on the RecyclerView.

Sample data:

```
val products = ArrayList<Product>()
products.add(Product("iPad", "iPad Pro 11-inch", 400.0))
products.add(Product("MacBook M3 Pro", "12-core CPU\n18-core GPU", 2500.00))
products.add(Product("Dell Inspiron", "13th Gen Intel® Core™ i7", 1499.00))
products.add(Product("Logitech Keyboard", "Logitech - PRO X\nTKL LIGHTSPEED\nWireless", 199.00))
products.add(Product("MacBook M3 Max", "14-core CPU\n30-core GPU", 3499.00))
```

Click the Add button to add the product to the Cart. Finally, when clicking the View Cart button, Toast the list of added product items.