

### Problem1 : Quiz App

[ 15 Points]

Make a Quiz app for the Kotlin Fundamentals.

Following are the requirements

- Create a first question from Kotlin fundamentals with three choices of Radio buttons using RadioGroup.
- Create a second question from Kotlin fundamentals with three choices of Check Box.
- At the end of the Screen create two Buttons Submit and Reset
- If the user clicks the submit button, open an Alert dialog which shows the current date and time submitted with the score. (Each question carries 50 points). Example if only one is correct, your dialog message will be “Congratulations! You submitted on current date and time, Your 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** This screen is from the Lesson -4 Walmart homework. It shows 4 shopping categories.

[ 10 Points ]



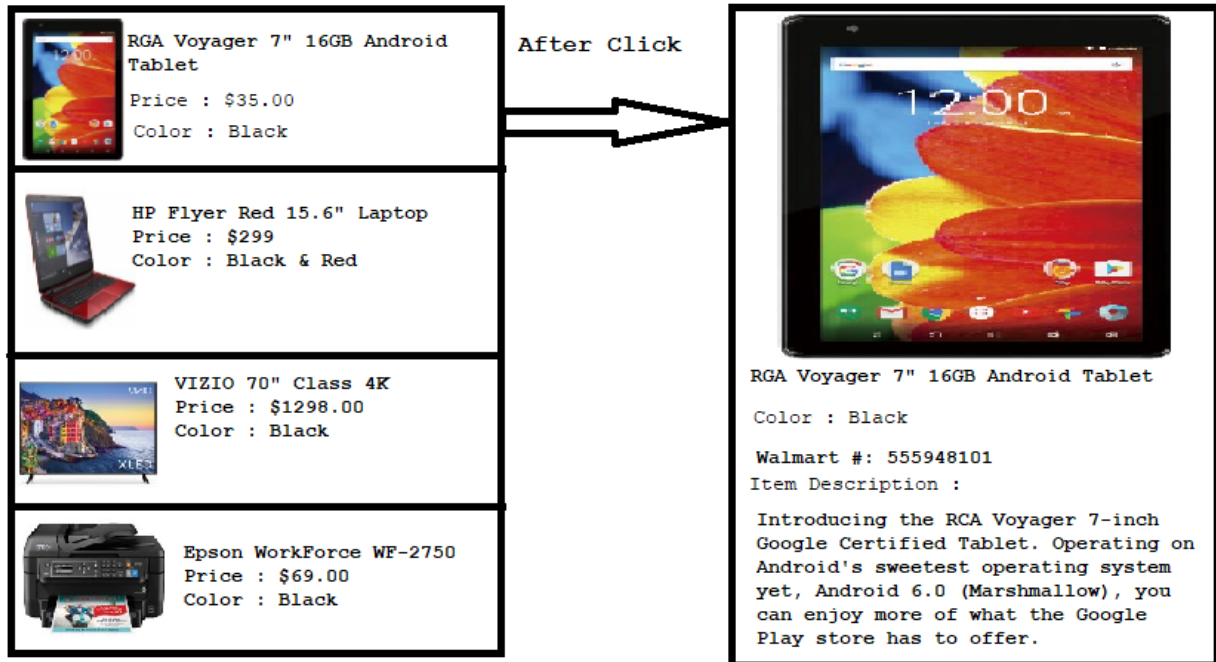
If the user selects the Clothing image, use the ListView to display the items from the Clothing category. If the user clicks the items give the Toast message about the items.

**Problem 3:** Create RecyclerView for the Electronics Items as mentioned below. [ 20 Points]

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

RecyclerView

Detailed View after clicking the list item



To perform this task, Create a Data class Product class with the following information

```
class Product{  
    String Title;  
    double price;  
    String color;  
    String image; // name of the image  
    String itemid;  
    String desc; // Description of the product  
}
```

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