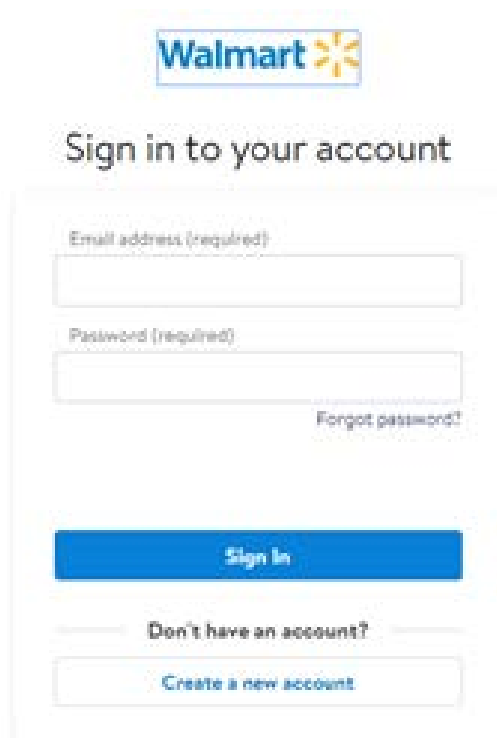**Problem 1 : Create a Login page for the Walmart store.**   **[25 Points]**

Task : 1 - Home page : activity_main.xml – Reuse the Home page from Lesson 4

Task 2 : We don't have a database. So, create a User class which consists of firstname, lastname, username (will be an email id) and password instances. Make a constructor to initialize the values. Right click on your project by choosing File→ New → Kotlin File/Class to create a User.kt file
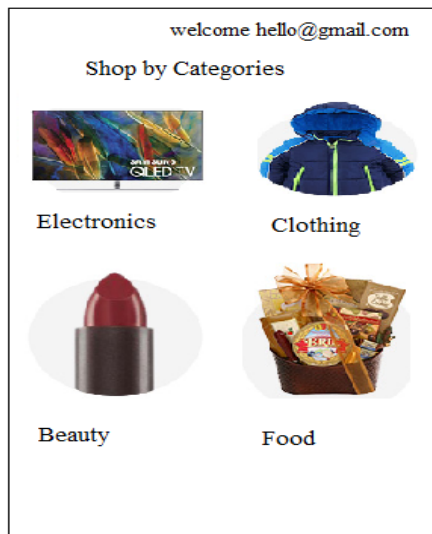
Task 3 :

Inside your MainActivity.kt, create an ArrayList for the type of User, and store at least five users to validate login.

If the user click the Sign In button, validate the user in the ArrayList, if it match with your data, then your Main Activity need to open the another intent Shopping Category activity as per the below screen. From MainActivity.kt pass the username to ShoppingCategory activity and display at the top welcome username as per the screen shot. If the user clicks the image, just display the Toast message, that "You have chosen the Clothing category of shopping". Similarly based on the selection of image category display the toast message as per the chosen image.
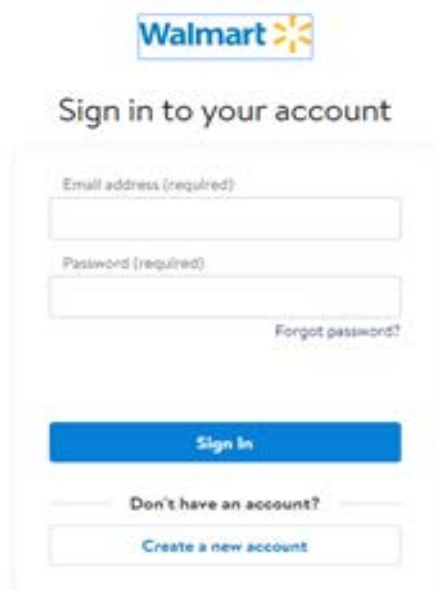
Usage of Toast : A toast provides simple feedback about an operation in a small popup.

Toast.makeText(this, "Hi there! This is a Toast.", Toast.LENGTH_LONG).show()

Task 4 : Shoppping_activity.xml

welcome hello@gmail.com

Shop by Categories

Electronics

Clothing

Beauty

Food

Home page : activity_main.xml

Walmart

Sign in to your account

Email address (required)

Password (required)

Forgot password?

Sign In

Don't have an account?

Create a new account

Task 5 : From the above page if the user click Create a new account, this page directs to another intent RegisterActivity as below.

After clicking the Create Account button display the Toast Message, Account created successfully. Also fetch the Result to the MainActivity.java as a User object then add this into database ArrrayList. Use Kotlin Null Check to avoid null pointer exceptions.

Task 6 : From the login page screen, if the user click the Forget Password? Read the password of the user from the list. Then use the implicit Intent Intent.Action_Send to send the stored password to the registered email.

Note : Here Forget Password is not a button, you have to make TextView as a clickable text by using these properties,

android:autoLink="all"

android:clickable="true"

Problem -2

Reading Assignment

Read the Common Intents from the link below
https://developer.android.com/guide/components/intents-common.html