


**Problem 1 : Create a Login page for the Walmart store.**

**[25 Points ]**

**Task : 1 - Home page : activity\_main.xml**



Sign in to your account

Email address (required)

Password (required)

[Forgot password?](#)

**Sign In**

[Don't have an account?](#)

[Create a new account](#)

**Task 2 :** We don't have a database. So create a User class which consists of username and password instances. Make a constructor to initialize the values. Here Username is an email address. Right click on your project by choosing File → New → Java class to create a User.java file

**Task 3 :**

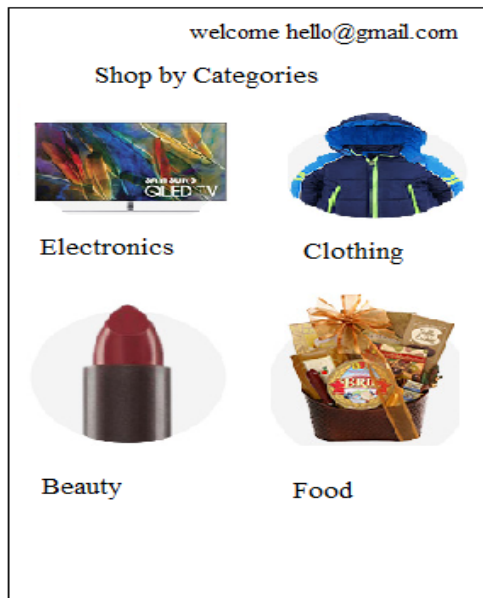
Inside your MainActivity.java, create an ArrayList for the type of User, and store at least five users to validate login.

If the user click the Sign In, 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.java pass the text of 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.

```
Context context = getApplicationContext(); // or you can pass directly this keyword.  
CharSequence text = "Hello toast!";  
int duration = Toast.LENGTH_SHORT;  
  
Toast toast = Toast.makeText(context, text, duration);  
toast.show();
```

#### Task 4 : Shopping\_activity.xml



Home page : activity\_main.xml



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Email address (required)

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

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

`android:autoLink="all"`

`android:clickable="true"`



## Create your account

\* required field

First name\*

Last name\*

Email address\*

Password\*

Create Account

After clicking the Create Account button display the Toast Message, Account created successfully. Also fetch the Result to the MainActivity.java with Email address and Password and then add this into database ArrayList. Do the validation of fields will not be empty.

### Problem : 2

[ 20 + 5 Points ]

You will get 20 points for the coding.

You will get 5 points for writing the problem description, your Creativity and Designing.

Discuss in your group to design an app to make use of Implicit Intents in a meaning way for some useful concept.

Read the Common Intents from the link below and create your own app and make use of any 4 Intents in a meaningful way.

<https://developer.android.com/guide/components/intents-common.html>