Shopping.com

Sign Up

First Name

Last Name

Username

Phone Number

Email Id

Password

Register

Name :- Gheewala Jay Kanaiyalal
Class :- SYBCA
Division :-D
Roll No :-718

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activity_registration.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_height="match_parent"
    android:layout_width="match_parent">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:background="@color/black"
            android:text="Shopping.com"
            android:textColor="@color/white"
            android:textSize="30sp" />

        <TextView
            android:layout_width="150dp"
            android:layout_height="60dp"
            android:layout_marginStart="125dp"
            android:text="Sign Up"
            android:textSize="30sp"
            android:textStyle="bold"
            android:textAlignment="center"
```

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```
        android:layout_marginTop="50dp"/>


    <LinearLayout

        android:layout_width="match_parent"

        android:layout_height="50dp"

        android:layout_marginTop="50dp">


        <EditText

            android:id="@+id/fname"

            android:layout_width="170dp"

            android:layout_height="50dp"

            android:hint="First Name"

            android:layout_marginStart="20dp"

            android:maxLength="20"/>


        <EditText

            android:id="@+id/lname"

            android:layout_width="170dp"

            android:layout_height="50dp"

            android:hint="Last Name"

            android:layout_marginStart="20dp"

            android:maxLength="20"/>

    </LinearLayout>


    <EditText

        android:id="@+id/username"

        android:layout_width="300dp"

        android:layout_height="50dp"

        android:hint="Username"
```

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```
            android:layout_marginStart="50dp"

            android:layout_marginTop="50dp"

            android:maxLength="20"/>


    <EditText

        android:id="@+id/phno"

        android:layout_width="300dp"

        android:layout_height="50dp"

        android:inputType="number"

        android:layout_marginTop="50dp"

        android:layout_marginStart="50dp"

        android:hint="Phone Number"

        android:maxLength="10"/>


    <EditText

        android:id="@+id/email"

        android:layout_width="300dp"

        android:layout_height="50dp"

        android:hint="Email Id"

        android:layout_marginTop="50dp"

        android:layout_marginStart="50dp"

        android:maxLength="50"/>


    <EditText

        android:id="@+id/password"

        android:layout_width="300dp"

        android:layout_height="50dp"

        android:inputType="textPassword"

        android:layout_marginTop="50dp"
```

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```
            android:layout_marginStart="50dp"

            android:hint="Password"

            android:maxLength="25"/>


        <Button

            android:id="@+id/btnRegister"

            android:layout_width="110dp"

            android:layout_height="50dp"

            android:text="Register"

            android:layout_marginTop="50dp"

            android:layout_marginStart="145dp"/>

    </LinearLayout>

</ScrollView>
```

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RegistrationActivity.java

package com.example.shopping;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import androidx.appcompat.app.AppCompatActivity;

import androidx.appcompat.app.AppCompatDelegate;

public class RegistrationActivity extends AppCompatActivity {

   EditText unm,fname,lname,email,phno,pwd;

   @Override

   protected void onCreate(Bundle savedInstanceState) {

      AppCompatDelegate.setDefaultNightMode(AppCompatDelegate.MODE_NIGHT_NO);

      super.onCreate(savedInstanceState);

      setContentView(R.layout.activity_registration);

      Button btnregister=findViewById(R.id.btnRegister);

      unm=findViewById(R.id.username);

      fname=findViewById(R.id.fname);

      lname=findViewById(R.id.lname);

      email=findViewById(R.id.email);

      phno=findViewById(R.id.phno);

      pwd=findViewById(R.id.password);

      btnregister.setOnClickListener(new View.OnClickListener() {

        @Override

```
    public void onClick(View v) {

        if(checkFields()){

            Intent i=new Intent(getApplicationContext(), LoginActivity.class);

            i.putExtra("username",unm.getText().toString());

            i.putExtra("password",pwd.getText().toString());

            i.putExtra("email",email.getText().toString());

            i.putExtra("phno",phno.getText().toString());

            i.putExtra("fname",fname.getText().toString());

            startActivity(i);

        }

    }

    });

    }

boolean checkFields(){

    if(fname.length()==0){

        fname.setError("This Field is Mandatory");

        return false;

    }

    if(lname.length()==0){

        lname.setError("This Field is Mandatory");

        return false;

    }

    if(unm.length()==0){

        unm.setError("This Field is Mandatory");

        return false;

    }

    if(email.length()==0){

        email.setError("This Field is Mandatory");

        return false;
```

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```
        }
        else if(!(email.getText().toString().contains(".com") && email.getText().toString().contains("@"))){

            email.setError("Enter Valid Email...");

            return false;

        }
        if(phno.length()==0){

            phno.setError("This Field is Mandatory");

            return false;

        }
        else if(phno.length()!=10){

            phno.setError("Enter Valid Phone Number");

            return false;

        }
        if(pwd.length()==0){

            fname.setError("This Field is Mandatory");

            return false;

        }
        else if(pwd.length()<8){

            pwd.setError("Password must have 8 Character");

            return false;

        }
        return true;

    }
}
```

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activity_login.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".LoginActivity">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:background="@color/black"
        android:text="Shopping.com"
        android:textColor="@color/white"
        android:textSize="30sp" />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="50dp"
        android:text="Login"
        android:textAlignment="center"
        android:textSize="30sp"
        android:textStyle="bold"
        android:layout_marginTop="20dp"/>

    <EditText
        android:id="@+id/unm"
```

```xml
        android:layout_width="300dp"

        android:layout_height="50dp"

        android:hint="Username,Email,Phone Number"

        android:inputType="text"

        android:layout_marginTop="50dp"

        android:layout_marginStart="50dp" />


    <EditText

        android:id="@+id/pwd"

        android:layout_width="300dp"

        android:layout_height="50dp"

        android:hint="Password"

        android:inputType="textPassword"

        android:layout_marginTop="30dp"

        android:layout_marginStart="50dp"/>


    <Button

        android:id="@+id/btnforgetpass"

        android:layout_width="200dp"

        android:layout_height="50dp"

        android:text="Forgot Password?"

        android:textColor="#0645AD"

        android:backgroundTint="@color/white"

        android:layout_marginStart="175dp"

        android:textAlignment="textEnd"

        android:textSize="15sp"/>

    <Button

        android:id="@+id/btnLogin"

        android:layout_width="100dp"
```

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```
            android:layout_height="50dp"

            android:text="Login"

            android:layout_marginStart="150dp"

            android:layout_marginTop="50dp"/>

</LinearLayout>
```

LoginActivity.java

```java
package com.example.shopping;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.EditText;

import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

import androidx.appcompat.app.AppCompatDelegate;

public class LoginActivity extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        AppCompatDelegate.setDefaultNightMode(AppCompatDelegate.MODE_NIGHT_NO);

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_login);

        EditText unm=findViewById(R.id.unm);

        EditText pwd=findViewById(R.id.pwd);

        Intent i=getIntent();

        String u=i.getStringExtra("username");

        String p=i.getStringExtra("password");

        String e=i.getStringExtra("email");
```

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```java
String ph=i.getStringExtra("phno");

String f=i.getStringExtra("fname");

findViewById(R.id.btnforgetpass).setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        Intent i=new Intent(getApplicationContext(), ForgetPassword.class);

        i.putExtra("unm", u);

        i.putExtra("email",e);

        i.putExtra("phno",ph);

        i.putExtra("fname",f);

        startActivity(i);

    }

});

findViewById(R.id.btnLogin).setOnClickListener(new View.OnClickListener() {

    int count=3;

    @Override

    public void onClick(View v) {

        String user = unm.getText().toString();

        if ((user.equals(u) || user.equals(e) || user.equals(ph)) && pwd.getText().toString().equals(p)) {

            Intent i = new Intent(getApplicationContext(), HomeActivity.class);

            i.putExtra("unm", u);

            i.putExtra("pwd",p);

            i.putExtra("email",e);

            i.putExtra("phno",ph);

            i.putExtra("fname",f);

            startActivity(i);

            finishAffinity();

        } else {

            if(count>0) {
```

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```
                Toast.makeText(LoginActivity.this, "Enter Valid Credential."+count+" attempts Remaining",
Toast.LENGTH_SHORT).show();

                count--;

            }

            else{

                Toast.makeText(LoginActivity.this,"Your Account is locked...",Toast.LENGTH_SHORT).show();

                Toast.makeText(LoginActivity.this,"Register Again...",Toast.LENGTH_SHORT).show();

                startActivity(new Intent(getApplicationContext(),RegistrationActivity.class));

            }

        }

    });

  }

}
```

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Shopping.com

Forget Password

First Name

Phone Number

Email Id

New Password

Change Password

Name :- Gheewala Jay Kanaiyalal
Class :- SYBCA
Division :-D
Roll No :-718

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activity_forget_password.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_height="match_parent"
    android:layout_width="match_parent"
    xmlns:tools="http://schemas.android.com/tools"
    tools:context=".ForgetPassword">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:background="@color/black"
            android:text="Shopping.com"
            android:textColor="@color/white"
            android:textSize="30sp" />

        <TextView
            android:layout_width="200dp"
            android:layout_height="60dp"
            android:layout_marginStart="100dp"
            android:text="Forget Password"
            android:textSize="25sp"
```

```
        android:textStyle="bold"

        android:textAlignment="center"

        android:layout_marginTop="50dp"/>


    <EditText

        android:id="@+id/forfname"

        android:layout_width="300dp"

        android:layout_height="50dp"

        android:hint="First Name"

        android:layout_marginStart="50dp"

        android:layout_marginTop="30dp"

        android:maxLength="20"/>


    <EditText

        android:id="@+id/forphno"

        android:layout_width="300dp"

        android:layout_height="50dp"

        android:inputType="number"

        android:layout_marginTop="50dp"

        android:layout_marginStart="50dp"

        android:hint="Phone Number"

        android:maxLength="10"/>


    <EditText

        android:id="@+id/foremail"

        android:layout_width="300dp"

        android:layout_height="50dp"

        android:hint="Email Id"

        android:layout_marginTop="50dp"
```

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```
            android:layout_marginStart="50dp"

            android:maxLength="50"/>


        <EditText

            android:id="@+id/newpassword"

            android:layout_width="300dp"

            android:layout_height="50dp"

            android:inputType="textPassword"

            android:layout_marginTop="50dp"

            android:layout_marginStart="50dp"

            android:hint="New Password"

            android:maxLength="25"/>


        <Button

            android:id="@+id/btnforpwd"

            android:layout_width="200dp"

            android:layout_height="50dp"

            android:text="Change Password"

            android:layout_marginTop="50dp"

            android:layout_marginStart="100dp"/>

    </LinearLayout>

</ScrollView>
```

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ForgetPassword.java

```java
package com.example.shopping;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.EditText;

import android.widget.Toast;


public class ForgetPassword extends AppCompatActivity {
    EditText fname,email,phno,pass;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_forget_password);
        fname=findViewById(R.id.forfname);
        email=findViewById(R.id.foremail);
        pass=findViewById(R.id.newpassword);
        phno=findViewById(R.id.forphno);
        Intent i=getIntent();
        String u=i.getStringExtra("unm");
        String e=i.getStringExtra("email");
        String ph=i.getStringExtra("phno");
        String f=i.getStringExtra("fname");
        findViewById(R.id.btnforpwd).setOnClickListener(new View.OnClickListener() {
            int count=3;
```

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```java
    @Override
    public void onClick(View v) {
        if(checkField()) {
            String fn = fname.getText().toString();
            String em = email.getText().toString();
            String p = phno.getText().toString();
            String pa = pass.getText().toString();
            if (fn.equals(f) && em.equals(e) && p.equals(ph) && checkField()) {
                Toast.makeText(getApplicationContext(),"Password Changed
Successfully",Toast.LENGTH_SHORT).show();
                Toast.makeText(getApplicationContext(),"Login Again With New
Password",Toast.LENGTH_SHORT).show();
                Intent i = new Intent(getApplicationContext(), LoginActivity.class);
                i.putExtra("unm", u);
                i.putExtra("pwd", pa);
                i.putExtra("email", e);
                i.putExtra("phno", ph);
                startActivity(i);
            } else {
                if (count > 0) {
                    Toast.makeText(getApplicationContext(), "Details Are Incorrect." + count + " attempts
Remaining", Toast.LENGTH_SHORT).show();
                    count--;
                } else {
                    Toast.makeText(getApplicationContext(), "Your Account is locked...",
Toast.LENGTH_SHORT).show();
                    Toast.makeText(getApplicationContext(), "Register Again...", Toast.LENGTH_SHORT).show();
                    startActivity(new Intent(getApplicationContext(), RegistrationActivity.class));
                }
            }
```

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```
        }

      }

    });

  }

  boolean checkField(){

    if(fname.length()==0 || email.length()==0 || phno.length()==0 || pass.length()<8) {

      Toast.makeText(getApplicationContext(),"All Fields Are Mandatory.Password must have 8 characters",Toast.LENGTH_SHORT).show();

      return false;

    }

    return true;

  }

}
```

Name :- Gheewala Jay Kanaiyalal
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activity_home.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"

  xmlns:app="http://schemas.android.com/apk/res-auto"

  xmlns:tools="http://schemas.android.com/tools"

  android:layout_width="match_parent"

  android:layout_height="wrap_content"

  tools:context=".HomeActivity">


    <LinearLayout

      android:layout_width="match_parent"

      android:layout_height="wrap_content"

      android:orientation="vertical">


    <TextView

      android:layout_width="match_parent"

      android:layout_height="60dp"

      android:background="@color/black"

      android:text="Shopping.com"

      android:textColor="@color/white"

      android:textSize="30sp" />
    <LinearLayout

      android:layout_width="match_parent"

      android:layout_height="50dp"

      android:orientation="horizontal">
      <TextView

        android:id="@+id/v1"
```

```
        android:layout_width="200dp"

        android:layout_height="50dp"

        android:textSize="25sp" />


    <Button

        android:layout_width="200dp"

        android:layout_height="50dp"

        android:backgroundTint="@color/white"

        android:text="Change\nPassword"

        android:textColor="#0645AD"

        android:textSize="13sp"

        android:id="@+id/chpwd"/>
    </LinearLayout>


    <TextView

        android:layout_width="match_parent"

        android:layout_height="50dp"

        android:text="Tending Smartphones"

        android:textSize="30sp"

        android:textStyle="bold" />


    <HorizontalScrollView

        android:layout_width="match_parent"

        android:layout_height="320dp">


        <LinearLayout

        android:layout_width="match_parent"

        android:layout_height="320dp"

        android:orientation="horizontal">
```

```xml
<androidx.cardview.widget.CardView
    android:layout_width="200dp"
    android:layout_height="300dp"
    android:layout_marginStart="10dp"
    app:cardCornerRadius="8dp"
    android:layout_marginTop="10dp">

    <TextView
        android:layout_width="200dp"
        android:layout_height="50dp"
        android:layout_marginTop="200dp"
        android:text="iPhone 14 Pro Max\nPrice:-129999/-"
        android:textAlignment="center"
        android:textSize="18sp"
        android:textStyle="bold" />

    <ImageView
        android:layout_width="200dp"
        android:layout_height="200dp"
        android:layout_marginBottom="608dp"
        android:background="@drawable/iphone" />

    <EditText
        android:id="@+id/quantitySmartphone1"
        android:layout_width="200dp"
        android:layout_height="50dp"
        android:layout_marginTop="250dp"
        android:hint="Quantity"
```

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```
                android:inputType="number"

                android:maxLength="2"

                android:textAlignment="center"

                android:textSize="18sp"

                android:textStyle="bold"/>


     </androidx.cardview.widget.CardView>

     <androidx.cardview.widget.CardView

        android:layout_width="200dp"

        android:layout_height="300dp"

        android:layout_marginStart="10dp"

        app:cardCornerRadius="8dp"

        android:layout_marginTop="10dp">


        <TextView

           android:layout_width="200dp"

           android:layout_height="50dp"

           android:layout_marginTop="200dp"

           android:text="Oneplus 11\nPrice:-54999/-"

           android:textAlignment="center"

           android:textSize="18sp"

           android:textStyle="bold" />


        <ImageView

           android:layout_width="200dp"

           android:layout_height="200dp"

           android:layout_marginBottom="608dp"

           android:background="@drawable/oneplus" />
```

Name :- Gheewala Jay Kanaiyalal
Class :- SYBCA
Division :-D
Roll No :-718

```
<EditText

    android:id="@+id/quantitySmartphone2"

    android:layout_width="200dp"

    android:layout_height="50dp"

    android:layout_marginTop="250dp"

    android:hint="Quantity"

    android:inputType="number"

    android:maxLength="2"

    android:textAlignment="center"

    android:textSize="18sp"

    android:textStyle="bold" />


</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView

    android:layout_width="200dp"

    android:layout_height="300dp"

    android:layout_marginStart="10dp"

    android:layout_marginEnd="10dp"

    app:cardCornerRadius="8dp"

    android:layout_marginTop="10dp">


    <TextView

        android:layout_width="200dp"

        android:layout_height="50dp"

        android:layout_marginTop="200dp"

        android:text="Redmi Note 12\nPrice:-18999/-"

        android:textAlignment="center"

        android:textSize="18sp"

        android:textStyle="bold" />
```

Name :- Gheewala Jay Kanaiyalal
Class :- SYBCA
Division :-D
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```
        <ImageView

          android:layout_width="200dp"

          android:layout_height="200dp"

          android:layout_marginBottom="608dp"

          android:background="@drawable/redmi" />


        <EditText

          android:id="@+id/quantitySmartphone3"

          android:layout_width="200dp"

          android:layout_height="50dp"

          android:layout_marginTop="250dp"

          android:hint="Quantity"

          android:inputType="number"

          android:maxLength="2"

          android:textAlignment="center"

          android:textSize="18sp"

          android:textStyle="bold" />


      </androidx.cardview.widget.CardView>

    </LinearLayout>

  </HorizontalScrollView>


  <TextView

    android:layout_width="match_parent"

    android:layout_height="50dp"

    android:text="Trending Refrigerators"

    android:textSize="30sp"

    android:textStyle="bold" />
```

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```xml
<HorizontalScrollView

    android:layout_width="match_parent"

    android:layout_height="320dp">


    <LinearLayout

        android:layout_width="match_parent"

        android:layout_height="320dp"

        android:orientation="horizontal">


        <androidx.cardview.widget.CardView

            android:layout_width="200dp"

            android:layout_height="300dp"

            android:layout_marginStart="10dp"

            app:cardCornerRadius="8dp"

            android:layout_marginTop="10dp">


            <TextView

                android:layout_width="200dp"

                android:layout_height="50dp"

                android:layout_marginTop="200dp"

                android:text="LG Refrigerator\nPrice:-59999/-"

                android:textAlignment="center"

                android:textSize="18sp"

                android:textStyle="bold" />


            <ImageView

                android:layout_width="200dp"

                android:layout_height="200dp"
```

```
        android:layout_marginBottom="608dp"

        android:background="@drawable/lg" />


    <EditText

        android:id="@+id/quantityRefrigerator1"

        android:layout_width="200dp"

        android:layout_height="50dp"

        android:layout_marginTop="250dp"

        android:hint="Quantity"

        android:inputType="number"

        android:maxLength="2"

        android:textAlignment="center"

        android:textSize="18sp"

        android:textStyle="bold" />


</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView

    android:layout_width="200dp"

    android:layout_height="300dp"

    android:layout_marginStart="10dp"

    app:cardCornerRadius="8dp"

    android:layout_marginTop="10dp">


    <TextView

        android:layout_width="200dp"

        android:layout_height="50dp"

        android:layout_marginTop="200dp"

        android:text="Whirlpool Refrigerator\nPrice:-49999/-"

        android:textAlignment="center"
```

```
            android:textSize="18sp"

            android:textStyle="bold" />


        <ImageView

            android:layout_width="200dp"

            android:layout_height="200dp"

            android:layout_marginBottom="608dp"

            android:background="@drawable/whirlpool" />


        <EditText

            android:id="@+id/quantityRefrigerator2"

            android:layout_width="200dp"

            android:layout_height="50dp"

            android:layout_marginTop="250dp"

            android:hint="Quantity"

            android:inputType="number"

            android:maxLength="2"

            android:textAlignment="center"

            android:textSize="18sp"

            android:textStyle="bold" />


    </androidx.cardview.widget.CardView>


    <androidx.cardview.widget.CardView

        android:layout_width="200dp"

        android:layout_height="300dp"

        android:layout_marginStart="10dp"

        app:cardCornerRadius="8dp"

        android:layout_marginEnd="10dp"
```

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```
        android:layout_marginTop="10dp">


        <TextView
            android:layout_width="200dp"

            android:layout_height="50dp"

            android:layout_marginTop="200dp"

            android:text="Haier Refrigerator\nPrice:-39999/-"

            android:textAlignment="center"

            android:textSize="18sp"

            android:textStyle="bold" />


        <ImageView
            android:layout_width="200dp"

            android:layout_height="200dp"

            android:layout_marginBottom="608dp"

            android:background="@drawable/haier" />


        <EditText
            android:id="@+id/quantityRefrigerator3"

            android:layout_width="200dp"

            android:layout_height="50dp"

            android:layout_marginTop="250dp"

            android:hint="Quantity"

            android:inputType="number"

            android:maxLength="2"

            android:textAlignment="center"

            android:textSize="18sp"

            android:textStyle="bold" />
```

```
        </androidx.cardview.widget.CardView>

    </LinearLayout>

</HorizontalScrollView>


<TextView

    android:layout_width="match_parent"

    android:layout_height="50dp"

    android:text="Trending Air Conditioners"

    android:textSize="30sp"

    android:textStyle="bold" />


<HorizontalScrollView

    android:layout_width="match_parent"

    android:layout_height="320dp"

    android:layout_marginBottom="20dp">


    <LinearLayout

        android:layout_width="match_parent"

        android:layout_height="320dp"

        android:orientation="horizontal">


        <androidx.cardview.widget.CardView

            android:layout_width="200dp"

            android:layout_height="300dp"

            android:layout_marginStart="10dp"

            app:cardCornerRadius="8dp"

            android:layout_marginTop="10dp">


            <TextView
```

```
                android:layout_width="200dp"

                android:layout_height="50dp"

                android:layout_marginTop="200dp"

                android:text="Voltas Air Conditioner\nPrice:-49999/-"

                android:textAlignment="center"

                android:textSize="18sp"

                android:textStyle="bold" />


        <ImageView

            android:layout_width="200dp"

            android:layout_height="200dp"

            android:layout_marginBottom="608dp"

            android:background="@drawable/voltas" />


        <EditText

            android:id="@+id/quantityAirconditioner1"

            android:layout_width="200dp"

            android:layout_height="50dp"

            android:layout_marginTop="250dp"

            android:hint="Quantity"

            android:inputType="number"

            android:maxLength="2"

            android:textAlignment="center"

            android:textSize="18sp"

            android:textStyle="bold" />


    </androidx.cardview.widget.CardView>


    <androidx.cardview.widget.CardView
```

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```
          android:layout_width="200dp"

          android:layout_height="300dp"

          android:layout_marginStart="10dp"

          app:cardCornerRadius="8dp"

          android:layout_marginTop="10dp">


          <TextView

            android:layout_width="200dp"

            android:layout_height="50dp"

            android:layout_marginTop="200dp"

            android:text="Croma Air Conditioner\nPrice:-39999/-"

            android:textAlignment="center"

            android:textSize="18sp"

            android:textStyle="bold" />


          <ImageView

            android:layout_width="200dp"

            android:layout_height="200dp"

            android:layout_marginBottom="608dp"

            android:background="@drawable/croma" />


          <EditText

            android:id="@+id/quantityAirconditioner2"

            android:layout_width="200dp"

            android:layout_height="50dp"

            android:layout_marginTop="250dp"

            android:hint="Quantity"

            android:inputType="number"

            android:maxLength="2"
```

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```xml
            android:textAlignment="center"

            android:textSize="18sp"

            android:textStyle="bold" />


    </androidx.cardview.widget.CardView>


    <androidx.cardview.widget.CardView
        android:layout_width="200dp"

        android:layout_height="300dp"

        android:layout_marginStart="10dp"

        android:layout_marginEnd="10dp"

        app:cardCornerRadius="8dp"

        android:layout_marginTop="10dp">


        <TextView
            android:layout_width="200dp"

            android:layout_height="50dp"

            android:layout_marginTop="200dp"

            android:text="LLOYD Air Conditioner\nPrice:-29999/-"

            android:textAlignment="center"

            android:textSize="18sp"

            android:textStyle="bold" />


        <ImageView
            android:layout_width="200dp"

            android:layout_height="200dp"

            android:layout_marginBottom="608dp"

            android:background="@drawable/lloyd" />
```

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```xml
        <EditText

            android:id="@+id/quantityAirconditioner3"

            android:layout_width="200dp"

            android:layout_height="50dp"

            android:layout_marginTop="250dp"

            android:hint="Quantity"

            android:inputType="number"

            android:maxLength="2"

            android:textAlignment="center"

            android:textSize="18sp"

            android:textStyle="bold" />


        </androidx.cardview.widget.CardView>

    </LinearLayout>

    </HorizontalScrollView>

    <ImageButton

        android:id="@+id/cart"

        android:layout_width="match_parent"

        android:layout_height="100dp"

        tools:srcCompat="@drawable/cart"

        android:contentDescription="Cart"/>

    </LinearLayout>

</ScrollView>
```

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MAD-Journal

HomeActivity.java

package com.example.shopping;

import android.content.Intent;

import android.os.Bundle;

import android.text.TextUtils;

import android.view.View;

import android.widget.EditText;

import android.widget.ImageButton;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

import androidx.appcompat.app.AppCompatDelegate;

public class HomeActivity extends AppCompatActivity {

  @Override

  protected void onCreate(Bundle savedInstanceState) {

    AppCompatDelegate.setDefaultNightMode(AppCompatDelegate.MODE_NIGHT_NO);

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_home);

    ImageButton ib = findViewById(R.id.cart);

    ib.setImageResource(R.drawable.cart);

    EditText []quantity={findViewById(R.id.quantitySmartphone1),findViewById(R.id.quantitySmartphone2),findViewById(R.id.quantitySmartphone3),findViewById(R.id.quantityRefrigerator1),findViewById(R.id.quantityRefrigerator2),findViewById(R.id.quantityRefrigerator3),findViewById(R.id.quantityAirconditioner1),findViewById(R.id.quantityAirconditioner2),findViewById(R.id.quantityAirconditioner3)};

    TextView v1 = findViewById(R.id.v1);

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```
Intent i = getIntent();

String unm = i.getStringExtra("unm");

String pwd = i.getStringExtra("pwd");

String e = i.getStringExtra("email");

String ph = i.getStringExtra("phno");

String f="Hi, "+i.getStringExtra("fname");

v1.setText(f);

ib.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        int t=0;

        long []prices={129999,54999,18999,59999,49999,39999,49999,39999,29999};

        long []priceSend=new long[10];

        String []selectedProducts=new String[10];

        String []products={"iPhone 14 Pro Max","Oneplus 11","Redmi Note 12","LG Refrigerator","Whirlpool Refrigerator","Haier Refrigerator","Voltas Air Conditioner","Croma Air Conditioner","LLOYD Air Conditioner"};

        long []quaSend=new long[10];

        for(int i=0;i<9;i++) {

            String quantityString = quantity[i].getText().toString();

            long qua = TextUtils.isEmpty(quantityString) ? 0 : Integer.parseInt(quantityString);

            if(qua>0){

                selectedProducts[t]=products[i];

                quaSend[t]=qua;

                priceSend[t]=prices[i];

                t++;

            }

        }

        if(t==0){

            Toast.makeText(getApplicationContext(),"You Have 0 items...",Toast.LENGTH_SHORT).show();
```

```
        }
        else{
            Intent i=new Intent(getApplicationContext(), CartActivity.class);
            i.putExtra("quantity",quaSend);
            i.putExtra("products",selectedProducts);
            i.putExtra("price",priceSend);
            startActivity(i);
        }
    }
});
findViewById(R.id.chpwd).setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent i=new Intent(getApplicationContext(), ChangePassword.class);
        i.putExtra("pwd",pwd);
        i.putExtra("unm",unm);
        i.putExtra("e",e);
        i.putExtra("ph",ph);
        startActivity(i);
    }
});
    }
}
```

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Shopping.com

Change Password

Old Password

New Password

Confirm Password

Change Password

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MAD-Journal

activity_change_password.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:orientation="vertical"

    tools:context=".ChangePassword">


    <TextView

        android:layout_width="match_parent"

        android:layout_height="60dp"

        android:background="@color/black"

        android:text="Shopping.com"

        android:textColor="@color/white"

        android:textSize="30sp" />


    <TextView

        android:layout_width="match_parent"

        android:layout_height="50dp"

        android:text="Change Password"

        android:textAlignment="center"

        android:textSize="30sp"

        android:textStyle="bold"

        android:layout_marginTop="20dp"/>
```

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```xml
<EditText

    android:id="@+id/oldpwd"

    android:layout_width="300dp"

    android:layout_height="50dp"

    android:hint="Old Password"

    android:inputType="textPassword"

    android:layout_marginTop="30dp"

    android:layout_marginStart="50dp"/>


<EditText

    android:id="@+id/newpwd"

    android:layout_width="300dp"

    android:layout_height="50dp"

    android:hint="New Password"

    android:inputType="textPassword"

    android:layout_marginTop="30dp"

    android:layout_marginStart="50dp"/>


<EditText

    android:id="@+id/conpwd"

    android:layout_width="300dp"

    android:layout_height="50dp"

    android:hint="Confirm Password"

    android:inputType="textPassword"

    android:layout_marginTop="30dp"

    android:layout_marginStart="50dp"/>

<Button

    android:id="@+id/btnchpwd"

    android:layout_width="150dp"
```

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```
android:layout_height="60dp"

android:text="Change\nPassword"

android:layout_marginStart="125dp"

android:layout_marginTop="50dp"/>
```

</LinearLayout>

MAD-Journal

ChangePassword.java

```java
package com.example.shopping;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.EditText;

import android.widget.Toast;


public class ChangePassword extends AppCompatActivity {
    EditText pass,newpass,conpass;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_change_password);
        Intent i=getIntent();
        String pwd=i.getStringExtra("pwd");
        String unm = i.getStringExtra("unm");
        String e = i.getStringExtra("email");
        String ph = i.getStringExtra("phno");
        pass=findViewById(R.id.oldpwd);
        newpass=findViewById(R.id.newpwd);
        conpass=findViewById(R.id.conpwd);
        findViewById(R.id.btnchpwd).setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
```

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```
        if(!pass.getText().toString().equals(pwd))

            Toast.makeText(getApplicationContext(),"Old Password is Wrong",Toast.LENGTH_SHORT).show();

        else if (!newpass.getText().toString().equals(conpass.getText().toString()))

            Toast.makeText(getApplicationContext(),"Confirm Password Does Not
Match",Toast.LENGTH_SHORT).show();

        else{

            Toast.makeText(getApplicationContext(),"Password Changed
Successfully",Toast.LENGTH_SHORT).show();

            Toast.makeText(getApplicationContext(),"Login Again With New
Password",Toast.LENGTH_SHORT).show();

            Intent i=new Intent(getApplicationContext(), LoginActivity.class);

            i.putExtra("password",newpass.getText().toString());

            i.putExtra("username",unm);

            i.putExtra("email",e);

            i.putExtra("phno",ph);

            startActivity(i);

        }

      }

    });

  }
}
```

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MAD-Journal

Shopping.com

Your Cart

Product Name	Quantity	Total
iPhone 14 Pro Max	1	129999
LG Refrigerator	1	59999
Croma Air Conditioner	1	39999
Total	**3**	**229997**

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MAD-Journal

activity_cart.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:orientation="vertical"

    tools:context=".CartActivity">


    <TextView

        android:layout_width="match_parent"

        android:layout_height="60dp"

        android:background="@color/black"

        android:text="Shopping.com"

        android:textColor="@color/white"

        android:textSize="30sp" />


    <TextView

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:text="Your Cart"

        android:textSize="30sp"

        android:textStyle="bold"

        android:textColor="@color/black"/>

    <LinearLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content"
```

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```
    android:orientation="horizontal">

    <TextView

        android:layout_width="200dp"

        android:layout_height="wrap_content"

        android:textStyle="bold"

        android:textSize="25sp"

        android:text="Product Name"

        android:textAlignment="center"

        android:textColor="@color/black"/>


    <TextView

        android:layout_width="100dp"

        android:layout_height="wrap_content"

        android:textSize="25sp"

        android:textStyle="bold"

        android:text="Quantity"

        android:textAlignment="center"

        android:textColor="@color/black"/>


    <TextView

        android:layout_width="100dp"

        android:layout_height="wrap_content"

        android:textSize="25sp"

        android:textStyle="bold"

        android:text="Total"

        android:textAlignment="center"

        android:textColor="@color/black"/>

    </LinearLayout>

    <LinearLayout
```

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```
android:layout_width="match_parent"

android:layout_height="wrap_content"

android:orientation="horizontal">

<TextView

    android:layout_width="200dp"

    android:layout_height="wrap_content"

    android:textStyle="bold"

    android:textSize="20sp"

    android:id="@+id/product"

    android:textAlignment="center"

    android:textColor="@color/black"/>


    <TextView

    android:id="@+id/qua"

    android:layout_width="100dp"

    android:layout_height="wrap_content"

    android:textSize="20sp"

    android:textStyle="bold"

    android:textAlignment="center"

    android:textColor="@color/black"/>


<TextView

    android:id="@+id/total"

    android:layout_width="100dp"

    android:layout_height="wrap_content"

    android:textSize="20sp"

    android:textStyle="bold"

    android:textAlignment="center"

    android:textColor="@color/black"/>
```

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```xml
    </LinearLayout>
    <LinearLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:orientation="horizontal">

        <TextView

            android:layout_width="200dp"

            android:layout_height="wrap_content"

            android:textStyle="bold"

            android:textSize="25sp"

            android:text="Total"

            android:textAlignment="center"

            android:textColor="@color/black"/>


        <TextView

            android:id="@+id/totalqua"

            android:layout_width="100dp"

            android:layout_height="wrap_content"

            android:textSize="25sp"

            android:textStyle="bold"

            android:textAlignment="center"

            android:textColor="@color/black"/>


        <TextView

            android:id="@+id/gt"

            android:layout_width="100dp"

            android:layout_height="wrap_content"

            android:textSize="22sp"

            android:textStyle="bold"
```

```
        android:textAlignment="center"

        android:layout_marginEnd="10dp"

        android:textColor="@color/black"/>

    </LinearLayout>

</LinearLayout>
```

MAD-Journal

CartActivity.java

package com.example.shopping;

import android.content.Intent;

import android.os.Bundle;

import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class CartActivity extends AppCompatActivity {

  @Override

  protected void onCreate(Bundle savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_cart);

    TextView pro=findViewById(R.id.product);

    TextView vq=findViewById(R.id.qua);

    TextView vt=findViewById(R.id.total);

    TextView grand=findViewById(R.id.gt);

    TextView totalquantity=findViewById(R.id.totalqua);

    Intent i=getIntent();

    String []products=i.getStringArrayExtra("products");

    long []price=i.getLongArrayExtra("price");

    long []qua=i.getLongArrayExtra("quantity");

    long totalqua=0;

    long gt=0;

    String disPro="";

    String disQua="";

    String disTotal="";

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```
for (int j = 0; products[j] != null; j++) {

    disPro += products[j] + "\n";

    disQua += qua[j] + "\n";

    totalqua+=qua[j];

    gt+=qua[j]*price[j];

    disTotal+=qua[j]*price[j]+"\n";

}

pro.setText(disPro);

vq.setText(disQua);

vt.setText(disTotal);

totalquantity.setText(String.valueOf(totalqua));

grand.setText(String.valueOf(gt));

    }

}
```

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