

Shopping.com

Sign Up

First Name

Last Name

Username

Phone Number

Email Id

Password

Register

activity_registration.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"
```

MAD-Journal

```
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"
```

MAD-Journal

```
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"
```

MAD-Journal

```
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>
```

MAD-Journal

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.AppCompatActivity;

public class RegistrationActivity extends AppCompatActivity {
    EditText un,fn,lname,email,phno,pwd;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        AppCompatActivity.setDefaultNightMode(AppCompatActivity.MODE_NIGHT_NO);
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_registration);
        Button btnregister=findViewById(R.id.btnRegister);
        un=findViewById(R.id.username);
        fn=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
```

MAD-Journal

```
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){  
    pwd.setError("This Field is Mandatory");  
    return false;  
}  
  
else if(pwd.length()<8){  
    pwd.setError("Password must have 8 Character");  
    return false;  
}  
  
return true;  
}  
}
```


Shopping.com

Login

Username,Email,Phone Number

Password

[Forgot Password?](#)

Login

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activity_login.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"
```

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```
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"
```

MAD-Journal

```

        android:layout_height="50dp"
        android:text="Login"
        android:layout_marginStart="150dp"
        android:layout_marginTop="50dp"/>
</LinearLayout>

```

LoginActivity.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.AppCompatActivity;

public class LoginActivity extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        AppCompatActivity.setDefaultNightMode(AppCompatActivity.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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```
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));

    }

}

}

});

}

}
```

Shopping.com

Forget Password

First Name

Phone Number

Email Id

New Password

Change Password

activity_forget_password.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"
```


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```
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"
```

MAD-Journal

```
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>
```

MAD-Journal

ForgetPassword.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;
```

MAD-Journal

```
@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));

            }

        }

    }

}
```

MAD-Journal

```
        }  
    }  
    });  
}  
  
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;  
}  
}
```

Shopping.com

Hi, 1 [Change Password](#)

Trending Smartphones



iPhone 14 Pro Max
Price:-129999/-

1



Oneplus 11
Price:-54999/-

Quantity

Trending Refrigerators



LG Refrigerator
Price:-59999/-

1



Whirlpool Refrigerator
Price:-49999/-

Quantity

Trending Air Conditioners



Voltas Air Conditioner
Price:-49999/-

Quantity



Croma Air Conditioner
Price:-39999/-

1

 **ADD TO CART**

activity_home.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"
```

MAD-Journal

```
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">
```



```
<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"
```

MAD-Journal

```
        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" />
```

MAD-Journal

```
<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" />
```

```
<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" />
```

```
<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"
```

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```
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"
```

MAD-Journal

```
        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"
```

```
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
```

MAD-Journal

```
        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
```

MAD-Journal

```
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"
```

MAD-Journal

```
        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" />
```

MAD-Journal

```
<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>
```

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.AppCompatActivity;

public class HomeActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        AppCompatActivity.setDefaultNightMode(AppCompatActivity.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);
```

MAD-Journal

```
Intent i = getIntent();

String unnm = 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();
```

MAD-Journal

```
    }  
    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);  
    }  
});  
}  
}
```


Shopping.com

Change Password

Old Password

New Password

Confirm Password

Change
Password

activity_change_password.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"/>
```

MAD-Journal

```
<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

```
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 unmn = 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) {
```

MAD-Journal

```
        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);

        }

    }

});

}
```

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

MAD-Journal

activity_cart.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"
```


MAD-Journal

```
        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>
```

MAD-Journal

```
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"/>
```

MAD-Journal

```
</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"
```

MAD-Journal

```
        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="";
```

MAD-Journal

```
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));  
}  
}
```