Program 5

Develop a mobile application to register a form in first activity and display the registered information in second activity using intents.

Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>

<TableLayout 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:background="#E6DDA6" tools:context=".MainActivity">

<TableRow>

<TextView android:text="Registration Form"

android:layout_width="match_parent" android:textAllCaps="true"

 android:layout_height="60dp">

</TextView>

</TableRow>

<TableRow>

<TextView

android:text="Enter Firstname" android:layout_width="wrap_content"
android:layout_height="60dp">

</TextView>

<EditText android:id="@+id/fname" android:singleLine="true"

android:layout_width="wrap_content" android:layout_height="60dp">

</EditText>

</TableRow>

<TableRow>
```

```xml
<TextView

android:text="Enter Lastname"

android:layout_width="wrap_content"

 android:layout_height="60dp">

</TextView>

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

android:layout_width="wrap_content" android:layout_height="60dp">

</EditText>

</TableRow>

<TableRow>

<TextView

android:text="Enter Username"

 android:layout_width="wrap_content"

android:layout_height="60dp">

</TextView>

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

android:layout_width="wrap_content"

android:layout_height="60dp">

</EditText>

</TableRow>

<TableRow>

<TextView

android:text="Enter Password"

 android:layout_width="wrap_content"

android:layout_height="60dp">
```

```xml
</TextView>
<EditText android:id="@+id/pwd"
android:layout_width="wrap_content"
android:layout_height="60dp">
</EditText>
</TableRow>
<TableRow>
<TextView
android:text="Re-Enter Password"
android:layout_width="wrap_content"
android:layout_height="60dp">
</TextView>
<EditText android:id="@+id/cpwd"
android:layout_width="wrap_content"
android:layout_height="60dp">
</EditText>
</TableRow>
<TableRow>
<TextView
android:text="Enter Emailid"
android:layout_width="wrap_content"
 android:layout_height="60dp">
</TextView>
<EditText android:id="@+id/mail"
android:layout_width="wrap_content"
android:layout_height="60dp">
```

```
</EditText>

</TableRow>

<TableRow>

<Button

android:id="@+id/breg"

android:layout_width="match_parent"

android:layout_height="60dp"

android:text="Register"></Button>

</TableRow>

</TableLayout>
```

MainActivity.java

```java
package com.example.registration;

import androidx.appcompat.app.AppCompatActivity;

 import android.content.Intent;

import android.os.Bundle;

 import android.view.View;

import android.widget.Button;

 import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

EditText lname,fname,uname,pwd,cpwd,mail,msg;

Button reg;

boolean flag;

 @Override
```

```java
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);

 setContentView(R.layout.activity_main);
fname=(EditText)findViewById(R.id.fname);
lname=(EditText)findViewById(R.id.lname);
uname=(EditText)findViewById(R.id.uname);
pwd=(EditText)findViewById(R.id.pwd);
cpwd=(EditText)findViewById(R.id.cpwd);
mail=(EditText)findViewById(R.id.mail);

 reg=(Button)findViewById(R.id.breg);

reg.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

 flag=true;

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

fname.setError("Fname not entered by the user"); f

name.requestFocus();

flag=false;

 }

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

lname.setError("Lname not entered by the user");

lname.requestFocus();

flag=false;

}
```

```java
if (uname.getText().toString().length() == 0) { uname.setError("User name not
entered by the user");

uname.requestFocus();

flag=false;

}

if (mail.getText().toString().length() == 0) {

pwd.setError("Emailid not entered");

pwd.requestFocus();

flag=false;

}

if (pwd.getText().toString().length() < 8) {

pwd.setError("password should be atleast 8 characters");

pwd.requestFocus();

flag=false;

}


if (!pwd.getText().toString().equals(cpwd.getText().toString())) {

cpwd.setError("Re-entered password do not match");

cpwd.requestFocus();

flag=false;

}
 if(flag==true) {

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

}

 }

});
```

```java
Bundle b = new Bundle();

b.putString("namef",  fname.getText().toString());

b.putString("namel", lname.getText().toString());

i.putExtras(b);

startActivity(i);

}
}
```

second.java

```java
package com.example.registration;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.widget.TextView;

public class second extends AppCompatActivity { TextView t;

String fname, lname,msg;

@Override

protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_second);
t=(TextView)findViewById(R.id.msg2);

Bundle b =getIntent().getExtras(); fname=b.getString("namef");
lname=b.getString("namel"); msg="Welcome" + fname + " " + lname;

t.setText(msg);


}
}
```

Screen 1:

Registration

REGISTRATION FORM

Enter Firstname   Lakshmi

Enter Lastname   Kesavan

Enter Username   lakshmikes

Enter Password   123456

Re-Enter Password   123456

Enter Emailid   lak.kesavan@gmail.com

REGISTER

LTE   LTE   LTE

Screen 2:

Registration

REGISTRATION FORM

Enter Firstname   Lakshmi

Enter Lastname   Kesavan

Enter Username   lakshmikes

Enter Password   123456   ⊗

password should be atleast 8 characters

Re-Enter Password

Enter Emailid   lak.kesavan@gmail.com

REGISTER

LTE   LTE   LTE

Screen 3:

REGISTRATION FORM

Enter Firstname   Lakshmi

Enter Lastname   Kesavan

Enter Username   lakshmikes

Enter Password   12345678

Re-entered password do not match

Re-Enter Password   123456   ⊗

q w e r t y u i o p

a s d f g h j k l

z x c v b n m

?123

LTE   LTE