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**Roll No: 1**

**Batch: MCA B**

**Date:**

**MOBILE APPLICATION DEVELOPMENT LAB**

**Experiment No.: 5**

**Aim:**

Design a registration activity and store registration details in local memory of phone using Intents and SharedPreferences

**Procedure:**

**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:orientation="vertical"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="prgm4 shared preference "

android:id="@+id/textView"

android:layout\_alignParentTop="true"

android:layout\_centerHorizontal="true"

android:textSize="29dp" />

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/editText"

android:layout\_below="@+id/textView2"

android:layout\_marginTop="67dp"

android:hint="Name"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true"

android:layout\_alignParentRight="true"

android:layout\_alignParentEnd="true" />

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/editText3"

android:layout\_below="@+id/editText2"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true"

android:layout\_alignParentRight="true"

android:layout\_alignParentEnd="true"

android:hint="Email" />

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/editText2"

android:layout\_below="@+id/editText"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true"

android:layout\_alignParentRight="true"

android:layout\_alignParentEnd="true"

android:hint="Pass" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Save"

android:id="@+id/button"

android:layout\_below="@+id/editText3"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="50dp" />

</LinearLayout>

**Java :**

package com.example.program8;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Context;

import android.content.SharedPreferences;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

EditText ed1,ed2,ed3;

Button b1;

public static final String MyPREFERENCES = "MyPrefs" ;

public static final String Name = "nameKey";

public static final String Phone = "phoneKey";

public static final String Email = "emailKey";

SharedPreferences sharedpreferences;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

ed1=(EditText)findViewById(R.id.editText);

ed2=(EditText)findViewById(R.id.editText2);

ed3=(EditText)findViewById(R.id.editText3);

b1=(Button)findViewById(R.id.button);

sharedpreferences = getSharedPreferences(MyPREFERENCES, Context.MODE\_PRIVATE);

b1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

String n = ed1.getText().toString();

String ph = ed2.getText().toString();

String e = ed3.getText().toString();

SharedPreferences.Editor editor = sharedpreferences.edit();

editor.putString(Name, n);

editor.putString(Phone, ph);

editor.putString(Email, e);

editor.commit();

Toast.makeText(MainActivity.this,"Thanks",Toast.LENGTH\_LONG).show();

}

});

}

}

**Output:**