**Program No:6 12.10.2022**

Program to design a registration activity and store registration details in local memory of phone using intent and shared preferences.

**Program Code:**

**activity.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=".MainActivity">

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="REGISTRATION"

android:textColor="@color/purple\_500"

android:textSize="30dp" />

<EditText

android:id="@+id/name"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Name" />

<EditText

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Age"

android:id="@+id/age" />

<EditText

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="email"

android:id="@+id/email"/>

<EditText

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Address"

android:id="@+id/address"/>

<EditText

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Qualification"

android:id="@+id/quali"/>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Submit"

android:id="@+id/button" />

</LinearLayout>

**mainactivity.java:**

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.widget.Button;

import android.view.View;

import android.widget.Toast;

import android.content.Intent;

import android.widget.EditText;

import android.widget.ScrollView;

import android.content.SharedPreferences;

public class MainActivity extends AppCompatActivity {

EditText name,age,email,quali,address;

Button button;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

name=findViewById(R.id.name);

age=findViewById(R.id.age);

email=findViewById(R.id.email);

address=findViewById(R.id.address);

quali=findViewById(R.id.quali);

button=findViewById(R.id.button);

button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent i = new Intent(MainActivity.this, MainActivity2.class);

startActivity(i);

}

});

}

@Override

protected void onResume() {

super.onResume();

SharedPreferences sh = getSharedPreferences("mysharedpreference", MODE\_PRIVATE);

String s1 = sh.getString("name", "");

int a = sh.getInt("age",0);

String s2 = sh.getString("email", "");

String s3 = sh.getString("address", "");

String s4 = sh.getString("quali", "");

name.setText(s1);

age.setText((String.valueOf(a)));

email.setText(s2);

address.setText(s3);

quali.setText(s4);

}

@Override

protected void onPause() {

super.onPause();

SharedPreferences sh = getSharedPreferences("mysharedpreference", MODE\_PRIVATE);

SharedPreferences.Editor myEdit=sh.edit();

myEdit.putString("name",name.getText().toString());

myEdit.putInt("age",Integer.parseInt(age.getText().toString()));

myEdit.putString("email",email.getText().toString());

myEdit.putString("address",address.getText().toString());

myEdit.putString("quali",quali.getText().toString());

myEdit.commit();

}

}

**activity\_main2.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"

tools:context=".MainActivity2">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Welcome"/>

</LinearLayout>

**MainActivity2.java:**

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity2 extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main2);

}

}

**Output**

