



R. C. Patel Educational Trust's

I. M. R. D.

Shirpur, Dist. Dhule

Name Girish Rayindra chavhan
Program Name "Hello Word" Application
Performed on 11/11/24 Submitted on _____

Class TYBCAT Page No. 01
Batch B1 Roll No. 20
Assignment No. 01

Lecturer's Remarks and Signature

Aim :- Create "Hello Word" Application

Assignment No 1:- Create "Hello Word" Application.

ACTIVITY_MAIN

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

    <TextView
        android:id="@+id/Textview"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_marginBottom="141dp"
        android:text="Hello World!" />

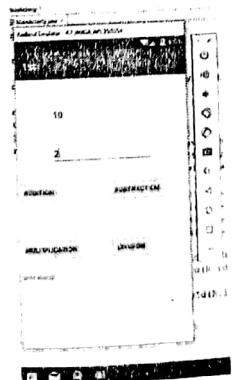
</RelativeLayout>
```

MAINACTIVITY

```
package com.example.user.alst;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
}
```

OUTPUT





R. C. Patel Educational Trust's

I. M. R. D.

Shirpur, Dist. Dhule

Class TYBCA-A Page No. 02

Batch 121 Roll No. 20

Assignment No. 02

Name Girish Ravindra chaudhari
Program Name Registration Form
Performed on 18/01/2024 Submitted on

Lecturer's Remarks and Signature

Aim :- Create "Hello World" App
Android form Based Application
to create Registration form for
student with field (Rollno,
StudentName and mobile no) and
on button click display all
entered information on TextView

Assignment No 2 :- Android **Form Based Application** to Create Registration Form for Student with **Field (RollNo, StudentName and MobileNo)** and on button click display all the entered information On **TextView**.

ACTIVITY_MAIN
DESIGN



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

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignBaseline="@+id/editText"
        android:layout_alignParentStart="true"
        android:text="Roll No:" />

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginTop="69dp"
        android:text="Name:" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginTop="131dp"
        android:text="MobileNo:" />

    <EditText
        android:id="@+id/editText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```

```
    android:layout_alignParentEnd="true"
    android:ems="10"
    android:inputType="number"
    android:password="false" />

<EditText
    android:id="@+id/editText2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/textView"
    android:layout_alignParentEnd="true"
    android:ems="10"
    android:inputType="textPersonName" />

<EditText
    android:id="@+id/editText3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/textView2"
    android:layout_alignParentEnd="true"
    android:ems="10"
    android:inputType="phone" />

<TextView
    android:id="@+id/textView3"
    android:layout_width="193dp"
    android:layout_height="163dp"
    android:layout_alignParentBottom="true"
    android:layout_alignParentStart="true"
    android:layout_marginBottom="74dp"
    android:layout_marginStart="75dp" />

<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:layout_marginStart="127dp"
    android:layout_marginTop="194dp"
    android:text="Submit" />
</RelativeLayout>
```

MAIN_ACTIVITY

```
package com.example.user.a27thregistrationform;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

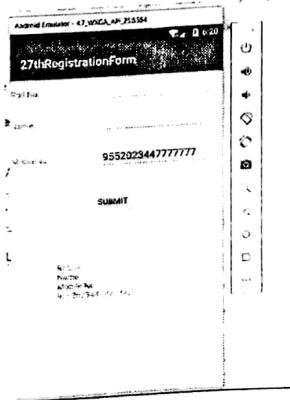
    String r,n,m;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        final EditText rno = findViewById(R.id.editText);
        final EditText name = findViewById(R.id.editText2);
        final EditText mno = findViewById(R.id.editText3);
        final Button btn = findViewById(R.id.button);
        final TextView txt = findViewById(R.id.textView3);

        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                r = rno.getText().toString();
                n = name.getText().toString();
                m = mno.getText().toString();

                txt.setText("Rollno: "+r+"\nName: "+n+"\nMobile No: "+m);
            }
        });
    }
}
```

OUTPUT



Name Girish Ravindra chaudhariProgram Name Registration FormPerformed on 5/2/2024 Submitted on _____Class TYBCA - A Page No. 03Batch B1 Roll No. 20Assignment No. 03

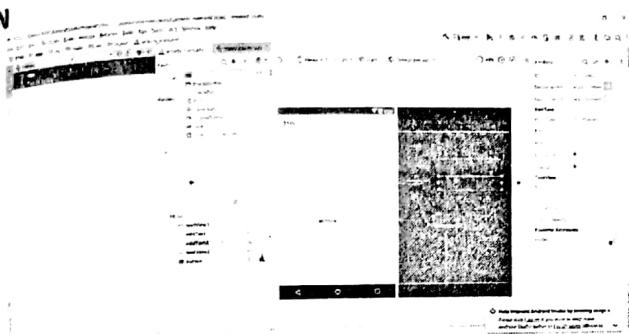
Lecturer's Remarks and Signature

Aim :- Android Form Based Application to create Registration Form for Student with field (username and password) and on button click Validate it with your name if it's Valid Show "Valid credential" otherwise Show "wrong credential" on Toast.

Assignment No 3:- Android Form Based Application to Create Registration Form for Student With Field(UserName and Password) and on button click validate it with your name if its valid show "Valid Credential" otherwise show "Wrong Credential" on Toast.

ACTIVITY_MAIN

DESIGN



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

    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignBaseline="@+id/editText"
        android:layout_alignStart="@+id/textView2"
        android:text="USERNAME"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.1"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.13" />

    <EditText
        android:id="@+id/editText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_alignParentTop="true"
        android:layout_marginEnd="33dp"
        android:layout_marginTop="91dp"
        android:ems="10"
        android:inputType="textPersonName"
        android:text="Name" />
```

```
    tools:layout_editor_absoluteX="162dp"
    tools:layout_editor_absoluteY="47dp" />

<EditText
    android:id="@+id/editText2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentTop="true"
    android:layout_alignStart="@+id/editText"
    android:layout_marginTop="150dp"
    android:ems="10"
    android:inputType="textPassword"
    android:text="Name"
    tools:layout_editor_absoluteX="153dp"
    tools:layout_editor_absoluteY="139dp" />

<TextView
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/editText2"
    android:layout_alignParentStart="true"
    android:layout_marginStart="25dp"
    android:text="PASSWORD"
    tools:layout_editor_absoluteX="31dp"
    tools:layout_editor_absoluteY="147dp" />

<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_alignParentStart="true"
    android:layout_marginBottom="189dp"
    android:layout_marginStart="117dp"
    android:text="Button"
    tools:layout_editor_absoluteX="134dp"
    tools:layout_editor_absoluteY="304dp" />

</RelativeLayout>
```

MAIN_ACTIVITY

```
package com.example.user.a3lth;

import android.support.v7.app.AppCompatActivity;
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 {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        final Button btn=findViewById(R.id.button);
        final EditText e1=findViewById(R.id.editText);
        final EditText e2=findViewById(R.id.editText2);

        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                String ID,PASS;
                ID = e1.getText().toString();
                PASS = e2.getText().toString();
                if(ID.equals("IMRD") && PASS.equals("12345"))
                {
                    Toast.makeText(MainActivity.this,"valid
Credential",Toast.LENGTH_SHORT).show();

                }
                else
                {
                    Toast.makeText(MainActivity.this," WRONG
Credential",Toast.LENGTH_LONG).show();
                }
            }
        });
    }
}
```



R. C. Patel Educational Trust's

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Shirpur, Dist. Dhule

Name Girish Rayindra Chaudhari

Program Name Explicit Intent

Performed on 22/2/24 Submitted on _____

Class TYDCA-A Page No. 04

Batch B1 Roll No. 70

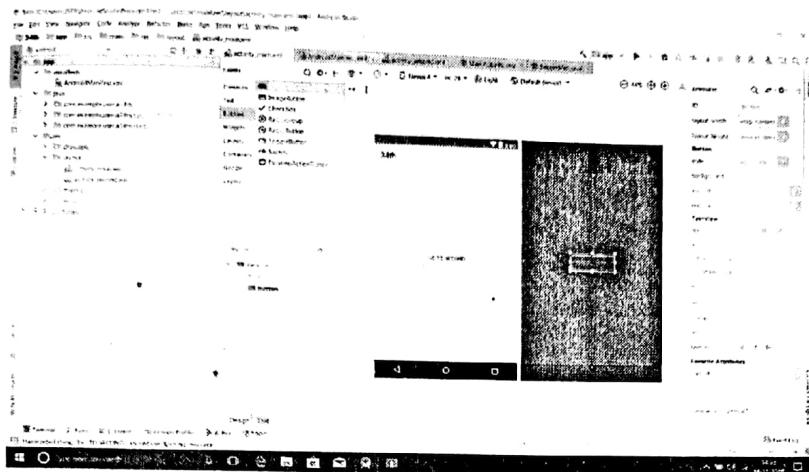
Assignment No. 04

Lecturer's Remarks and Signature

Aim :- Android program to use Android Explicit Intent that call one activity from off another name and vice versa.

Assignment No 4 :-Android program to use Android Explicit Intent that calls one activity from another and vice versa.

ACTIVITY_MAIN DESIGN



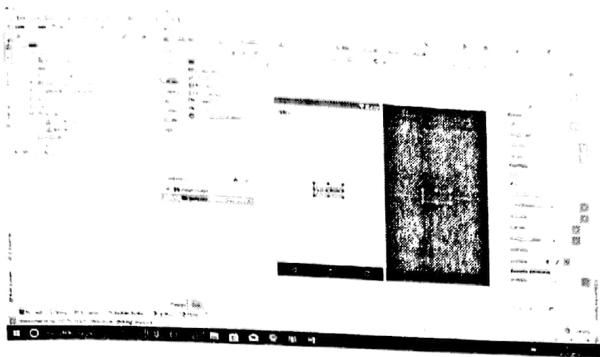
```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"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

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="0dp"
        android:text="Hello World!"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginStart="132dp"
        android:layout_marginTop="214dp"
        android:text="GO TO SECOND" />

</RelativeLayout>
```

SECOND_ACTIVITY.XML



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

    <Button
        android:id="@+id/button2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="220dp"
        android:text="GO TO MAIN"
        tools:layout_editor_absoluteX="132dp"
        tools:layout_editor_absoluteY="221dp" />
</RelativeLayout>
```

ANDROID.MANIFEST

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.user.a34th">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

```
</activity>

<activity android:name=".SecondAct">
</activity>
</application>

</manifest>
```

MAIN_ACTIVITY.JAVA

```
package com.example.user.a34th;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        final Button btn=findViewById(R.id.button);

        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent i = new Intent(MainActivity.this,SecondAct.class);
                startActivity(i);
            }
        });
    }
}
```

SECOND_ACT.JAVA

```
package com.example.user.a34th;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;

public class SecondAct extends AppCompatActivity {
```

```
    }

    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_second);

        Button btn = findViewById(R.id.button2);

        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent i = new Intent(SecondAct.this,MainActivity.class);
                startActivity(i);
            }
        });
    }
}
```