

**THE STATE UNIVERSITY OF ZANZIBAR
(SUZA)**



**SCHOOL OF BUSINESS
DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY**

**MOBILE APPLICATION DEVELOPMENT
INDIVIDUAL ASSIGNMENT
ACADEMIC YEAR
2019/2020**

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PATH

<https://github.com/aliseif549/ali.git><https://github.com/aliseif549/ali.git>

MainActivity File

```
package com.example.mainactivity;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;
import android.content.Context;
import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
```

```

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    EditText userName ;
    EditText password ;

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

        userName = (EditText) findViewById(R.id.editText2);
        password = (EditText) findViewById(R.id.editText3);
    }

    public void save (View v){
        SharedPreferences pref = getSharedPreferences("data",
Context.MODE_PRIVATE);
        SharedPreferences.Editor editor = pref.edit();
        editor.putString("username",userName.getText().toString());
        editor.putString("password",password.getText().toString());
        editor.commit();
        Toast.makeText(this,"Data saved
successfully",Toast.LENGTH_SHORT).show();
    }

    public void next (View v){
        Intent i = new Intent(MainActivity.this,ActivityB.class);
        startActivity(i);

    }

}

```

Activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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/editText2"

```

```

    android:layout_width="208dp"
    android:layout_height="50dp"
    android:layout_marginLeft="16dp"
    android:layout_marginTop="63dp"
    android:fontFamily="monospace"
    android:text="username"
    android:textSize="18sp"
    app:layout_constraintLeft_toLeftOf="parent"
    android:hint="Username"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.492"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.34" />

```

<EditText

```

    android:id="@+id/editText2"
    android:layout_width="176dp"
    android:layout_height="39dp"
    android:ems="10"
    android:hint="Enter Username"
    android:inputType="textPersonName"
    android:layout_marginRight="36dp"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="@+id/textView2"
    android:layout_marginTop="0dp"
    tools:ignore="UnknownId" />

```

<TextView

```

    android:id="@+id/editText3"
    android:layout_width="211dp"
    android:layout_height="59dp"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="24dp"
    android:text="password"
    android:hint="Password"
    android:textSize="18sp"
    app:layout_constraintRight_toLeftOf="@id/editText2"
    app:layout_constraintBottom_toBottomOf="@id/editText2"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.448" />

```

<EditText

```

    android:id="@+id/editText3"
    android:layout_width="179dp"
    android:layout_height="41dp"
    android:ems="10"
    android:inputType="textPersonName"
    android:text=""
    android:hint="Enter Password"
    app:layout_constraintTop_toTopOf="@+id/textView3"
    android:layout_marginTop="0dp"
    android:layout_marginLeft="0dp"
    app:layout_constraintLeft_toLeftOf="@+id/editText2"
    tools:ignore="UnknownId" />

```

```

<Button
    android:id="@+id/button2"
    android:layout_width="116dp"
    android:layout_height="51dp"
    android:layout_marginTop="30dp"
    android:text="Save"
    android:onClick="save"
    app:layout_constraintTop_toBottomOf="@+id/textView3"
    app:layout_constraintRight_toLeftOf="@+id/button3"
    tools:ignore="UnknownId" />

```

```

<Button
    android:id="@+id/button3"
    android:layout_width="105dp"
    android:layout_height="51dp"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="0dp"
    android:text="Go to B"
    android:onClick="next"
    app:layout_constraintLeft_toLeftOf="@+id/editText3"
    app:layout_constraintTop_toTopOf="@+id/button2" />

```

```

tools:ignore="UnknownId" />

```

```

</androidx.constraintlayout.widget.ConstraintLayout>

```

ActivityB.java

```

package com.example.mainactivity;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Context;
import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;

```

```

import android.widget.Toast;
public class ActivityB extends AppCompatActivity {
    TextView username;
    TextView password;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_b);
        username = (TextView) findViewById(R.id.user);
        password = (TextView) findViewById(R.id.pass);
    }

    public void load(View v) {
        SharedPreferences sharedPref = getSharedPreferences("MyData",
Context.MODE_PRIVATE);
        String name = sharedPref.getString("username", "");
        String pass = sharedPref.getString("password", "");
        if (name.equals("") || pass.equals("")) {
            Toast.makeText(this, "Data Was Not Found", Toast.LENGTH_SHORT).show();

        } else {
            Toast.makeText(this, "Data Data
successfully", Toast.LENGTH_SHORT).show();
            username.setText(name);
            password.setText(pass);
        }
    }
    public void prev(View v){
        Intent i = new Intent(ActivityB.this, MainActivity.class);
        startActivity(i);
    }
}

```

Activity_b.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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=".ActivityB">

    <Button
        android:id="@+id/button"

```

```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="34dp"
        android:onClick="load"
        android:text="Load"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        tools:ignore="OnClick" />

<Button
    android:id="@+id/button4"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Previous"
    android:onClick="prev"
    android:layout_marginStart="25dp"
    app:layout_constraintTop_toTopOf="@+id/button"
    android:layout_marginTop="0dp"
    app:layout_constraintLeft_toRightOf="@+id/button"
    android:layout_marginLeft="35dp"
    tools:ignore="OnClick" />

<TextView
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Username:"
    android:textSize="18sp"
    android:layout_marginStart="34dp"
    android:layout_marginLeft="34dp"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintTop_toTopOf="parent" />

<TextView
    android:id="@+id/textView4"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Password"
    android:textSize="18sp"
    android:layout_marginStart="34dp"
    android:layout_marginLeft="34dp"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    android:layout_marginTop="96dp" />

<TextView
    android:id="@+id/user"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="32dp"
    android:layout_marginStart="32dp"
    android:layout_marginTop="96dp"
    android:textSize="18sp"
    app:layout_constraintLeft_toRightOf="@+id/textView4"
    app:layout_constraintTop_toTopOf="parent" />

<TextView

```

```
    android:id="@+id/textView4"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Password"
    android:textSize="18sp"
    android:layout_marginStart="34dp"
    android:layout_marginLeft="34dp"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    android:layout_marginTop="96dp"
    tools:ignore="DuplicateIds" />
<TextView
    android:id="@+id/user"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="32dp"
    android:layout_marginStart="32dp"
    android:layout_marginTop="96dp"
    android:textSize="18sp"
    app:layout_constraintLeft_toRightOf="@+id/textView4"
    app:layout_constraintTop_toTopOf="parent"
    tools:ignore="DuplicateIds" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```


Contents

Hggggggggg	Error! Bookmark not defined.
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