

## Assignment:-2

2. Create sample application with login module.(Check username and password).On successful login, go to next screen. And on failing login, alert user using Toast. Also pass username to next screen.

Code:-activity\_main.xml

```
<?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">

    <EditText
        android:id="@+id/username"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="61dp"
        android:ems="10"
        android:inputType="textPersonName"
        android:text="Name" />

    <EditText
        android:id="@+id/password"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="146dp"
        android:ems="10"
        android:inputType="textPassword" />

    <Button
        android:id="@+id/login"
        android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_centerVertical="true"
        android:layout_marginStart="135dp"
        android:text="login" />
</RelativeLayout>
```

### Code:-MainActivity.java

```
package com.example.sunil.myapplication;
```

```
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 {
```

```
    private EditText uname,pwd;
```

```
    private Button login;
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
```

```
        uname=(EditText)findViewById(R.id.username);
```

```
        pwd=(EditText)findViewById(R.id.password);
```

```
        login=(Button)findViewById(R.id.login);
```

```
        login.setOnClickListener(new View.OnClickListener() {
```

```
            @Override
```

```
            public void onClick(View view) {
```

```
                String username=uname.getText().toString();
```

```
                String password=pwd.getText().toString();
```

```
                if(username.equals("Admin") && password.equals("1122"))
```

```
                {
```

```
                    Toast.makeText(getApplicationContext(),"Login successfully",2000).show();
```

```
                }
```

```
            else
```

```
            {
```

```
        Toast.makeText(getApplicationContext(),"Invalid username &  
password",2000).show();  
    }  
}  
});  
}  
}
```

**Output:-**

