**Practical No .07**

**Aim:** Program to demonstrate Intent filter

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**Code:**

**MainActivity.java**

package com.example.intentfilterdemo;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
  
 private EditText editTextName;  
 private EditText editTextPassword;  
 private Button buttonSubmit;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 editTextName = findViewById(R.id.*editTextName*);  
 editTextPassword = findViewById(R.id.*editTextPassword*);  
 buttonSubmit = findViewById(R.id.*buttonSubmit*);  
  
 buttonSubmit.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String name = editTextName.getText().toString();  
 String password = editTextPassword.getText().toString();  
  
 Intent intent = new Intent(MainActivity.this, DisplayActivity.class);  
 intent.putExtra("NAME", name);  
 intent.putExtra("PASSWORD", password);  
 startActivity(intent);  
 }  
 });  
 }  
}

**activity\_main.xml**

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:padding="16dp">  
  
 <EditText  
 android:id="@+id/editTextName"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Name" />  
  
 <EditText  
 android:id="@+id/editTextPassword"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Password"  
 android:inputType="textPassword" />  
  
 <Button  
 android:id="@+id/buttonSubmit"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Submit" />  
</LinearLayout>

**DisplayActivity.java**

package com.example.intentfilterdemo;  
  
import android.os.Bundle;  
import android.widget.TextView;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class DisplayActivity extends AppCompatActivity {  
  
 private TextView textViewDisplay;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_display*);  
  
 textViewDisplay = findViewById(R.id.*textViewDisplay*);  
  
 String name = getIntent().getStringExtra("NAME");  
 String password = getIntent().getStringExtra("PASSWORD");  
  
 textViewDisplay.setText("Name: " + name + "\nPassword: " + password);  
 }  
}

**activity\_display.xml**

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:padding="16dp">  
  
 <TextView  
 android:id="@+id/textViewDisplay"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"

**Output :**







