MainActivity.java

package com.indran.mcarit.navigation;

```java
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.text.TextUtils;
import android.view.View;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

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

        ip = (EditText) findViewById(R.id.ip);
    }

    public void toNextPage(View view) {
        if( TextUtils.isEmpty(ip.getText())){
            ip.setError( "field is required!" );

        }else{

            Intent intent = new Intent( MainActivity.this, ShowData.class);
            intent.putExtra("message", ip.getText().toString());
            startActivity(intent);
        }

    }
}
```

ShowData.java

package com.indran.mcarit.navigation;

```java
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.TextView;

public class ShowData extends AppCompatActivity {
    TextView ip;
```

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

            ip = (TextView) findViewById(R.id.op);



            Bundle bundle = getIntent().getExtras();
            String message = bundle.getString("message");

            Log.d("OP", message);

            ip.setText(message);
        }

        public void goBack(View view) {
            Intent intent = new Intent(getApplicationContext(), MainActivity.class);
            startActivity(intent);
        }
}
```

activity_main.xml

```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"
    android:layout_gravity="center_vertical"
    android:gravity="center_vertical"
    tools:context="com.indran.mcarit.navigation.MainActivity">

    <RelativeLayout
        android:layout_margin="10dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="enter something ..."
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintLeft_toLeftOf="parent"
            app:layout_constraintRight_toRightOf="parent"
```

```xml
        app:layout_constraintTop_toTopOf="parent" />
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content">
        <EditText
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:id="@+id/ip"
            android:layout_marginRight="90dp"
            android:layout_marginTop="20dp"/>

        <Button
            android:id="@+id/button"
            android:layout_marginTop="-10dp"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentEnd="true"
            android:layout_alignParentRight="true"
            android:layout_alignTop="@+id/ip"
            android:onClick="toNextPage"
            android:text="go" />
    </RelativeLayout>
  </RelativeLayout>

</RelativeLayout>


activity_show_data.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="com.indran.mcarit.navigation.ShowData"
    android:gravity="center_vertical">

    <TextView
        android:id="@+id/op"
        android:layout_margin="20dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:text=""
        android:textSize="20dp"a/>

    <Button
```

```xml
            android:id="@+id/button2"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignTop="@+id/op"
            android:layout_centerHorizontal="true"
            android:layout_marginTop="36dp"
            android:onClick="goBack"
            android:text="back" />

</RelativeLayout>
```

MainActivity.java

```java
package com.indran.mcarit.navigation;

import android.content.Intent;
import android.text.TextUtils;
import android.view.View;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

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

        ip = (EditText) findViewById(R.id.ip);
    }

    public void toNextPage(View view) {
        if( TextUtils.isEmpty(ip.getText())){
            ip.setError( "field is required!" );

        }else{

            Intent intent = new Intent( MainActivity.this, ShowData.class);
            intent.putExtra("message", ip.getText().toString());
            startActivity(intent);
        }

    }
}
```

ShowData.java

```java
package com.indran.mcarit.navigation;

import android.content.Intent;
import android.util.Log;
import android.view.View;
import android.widget.TextView;

public class ShowData extends AppCompatActivity {
    TextView ip;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_show_data);

        ip = (TextView) findViewById(R.id.op);



        Bundle bundle = getIntent().getExtras();
        String message = bundle.getString("message");

        Log.d("OP", message);

        ip.setText(message);
    }

    public void goBack(View view) {
        Intent intent = new Intent(getApplicationContext(), MainActivity.class);
        startActivity(intent);
    }
}
```

activity_main.xml

```xml
<RelativeLayout
    tools:context="com.indran.mcarit.navigation.MainActivity">

    <RelativeLayout >
        <TextView
            android:text="enter something …"  />
        <RelativeLayout >
            <EditText
                android:id="@+id/ip"  />
```

```xml
        <Button
            android:id="@+id/button"
            android:onClick="toNextPage" />
    </RelativeLayout>
  </RelativeLayout>

</RelativeLayout>
```

activity_show_data.xml

```xml
<RelativeLayout
    tools:context="com.indran.mcarit.navigation.ShowData" >

    <TextView
        android:id="@+id/op" />

    <Button
        android:id="@+id/button2"
        android:onClick="goBack"
        android:text="back" />

</RelativeLayout>
```

Navigation

enter something ...

hello world

GO

Navigation

hello world

BACK