

Crie um projeto com o nome **Intents**

Pacote: **devisate.etec.intents**

### activity\_main.xml

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     android:orientation="vertical"
7     tools:context=".MainActivity">
8     <Button
9         android:id="@+id/btnProxima"
10        android:layout_width="match_parent"
11        android:layout_height="wrap_content"
12        android:layout_marginTop="20dp"
13        android:text="Próxima Tela"
14    />
15 </LinearLayout>
```

### MainActivity

```
package devisate.etec.intents;

import ...

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Button btnProxima = findViewById(R.id.btnProxima);
        btnProxima.setOnClickListener(new View.OnClickListener() {
            public void onClick(View v) {
                Intent intent = new Intent( packageContext: MainActivity.this, Segunda.class);
                startActivity(intent);
            }
        });
    }
}
```

File → New → Activity → Empty Activity

**Creates a new empty activity**

Activity Name:

☒ Generate Layout File

Layout Name:

☐ Launcher Activity

☒ Backwards Compatibility (AppCompat)

Package name:

Source Language:

### activity\_segunda.xml

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     android:orientation="vertical"
7     android:layout_margin="15dp"
8     tools:context=".Segunda">
9
10     <TextView
11         android:layout_width="match_parent"
12         android:layout_height="wrap_content"
13         android:text="Segunda Tela"
14         android:textAlignment="center"
15         android:layout_marginBottom="20dp"
16         android:textSize="20dp"
17         android:textColor="#0000FF"
18     />
19
20     <TextView
21         android:layout_width="match_parent"
22         android:layout_height="wrap_content"
23         android:text="Nome"
24     />
25
26     <EditText
27         android:id="@+id/txtNome"
28         android:layout_width="match_parent"
29         android:layout_height="wrap_content"
30         android:inputType="textCapWords"
31         android:layout_marginBottom="10dp"
32     />
```

```

33
34 <TextView
35     android:layout_width="match_parent"
36     android:layout_height="wrap_content"
37     android:text="Idade"
38 />
39
40 <EditText
41     android:id="@+id/txtIdade"
42     android:layout_width="match_parent"
43     android:layout_height="wrap_content"
44     android:inputType="number"
45     android:layout_marginBottom="10dp"
46 />
47
48 <Button
49     android:layout_width="match_parent"
50     android:layout_height="wrap_content"
51     android:id="@+id/btnProxima2"
52     android:text="Próxima"
53 />
54 </LinearLayout>

```

## Segunda

```

13 public class Segunda extends AppCompatActivity {
14     EditText edtNome, edtIdade;
15     Button botao;
16
17     @Override
18     protected void onCreate(Bundle savedInstanceState) {
19         super.onCreate(savedInstanceState);
20         setContentView(R.layout.activity_segunda);
21
22         edtNome = findViewById(R.id.txtNome);
23         edtIdade = findViewById(R.id.txtIdade);
24         botao = findViewById(R.id.btnProxima2);
25
26         botao.setOnClickListener(new View.OnClickListener() {
27
28             public void onClick(View v) {
29                 String nome = edtNome.getText().toString();
30                 String idade = edtIdade.getText().toString();
31                 Intent intent = new Intent( packageContext: Segunda.this, Terceira.class);
32                 intent.putExtra( name: "name", nome);
33                 intent.putExtra( name: "age", idade);
34                 startActivity(intent);
35             }
36         });
37     }
38
39 }

```

File → New → Activity → Empty Activity

**Creates a new empty activity**

Activity Name:

☒ Generate Layout File

Layout Name:

☐ Launcher Activity

☒ Backwards Compatibility (AppCompat)

Package name:

Source Language:

**activity\_terceira.xml**

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     android:orientation="vertical"
7     tools:context=".Terceira">
8
9     <TextView
10         android:id="@+id/edtNome"
11         android:layout_width="match_parent"
12         android:layout_height="wrap_content"
13         android:layout_marginBottom="10dp"
14         android:textSize="25dp"
15         android:text="Nome: " />
16
17     <TextView
18         android:id="@+id/edtIdade"
19         android:layout_width="match_parent"
20         android:layout_height="wrap_content"
21         android:layout_marginBottom="10dp"
22         android:textSize="25dp"
23         android:text="Idade: " />
24
```

```

25 <Button
26     android:id="@+id/btnEmail"
27     android:layout_width="match_parent"
28     android:layout_height="wrap_content"
29     android:layout_marginTop="50dp"
30     android:text="Enviar E-mail" />
31 <Button
32     android:id="@+id/btnCompartilhar"
33     android:layout_width="match_parent"
34     android:layout_height="wrap_content"
35     android:layout_marginTop="50dp"
36     android:text="Compartilhar" />
37
38 <Button
39     android:id="@+id/btnLigar"
40     android:layout_width="match_parent"
41     android:layout_height="wrap_content"
42     android:layout_marginTop="50dp"
43     android:text="Ligar" />
44 </LinearLayout>

```

## Terceira

```

13 public class Terceira extends AppCompatActivity {
14
15     TextView txtNome, txtIdade;
16     String nome, idade;
17     Button btnEmail, btnCompartilhar, btnLigar;
18
19     @Override
20     protected void onCreate(Bundle savedInstanceState) {
21         super.onCreate(savedInstanceState);
22         setContentView(R.layout.activity_terceira);
23
24         Bundle extras = getIntent().getExtras();
25         nome = extras.getString( key: "name");
26         idade = extras.getString( key: "age");
27
28         txtNome = findViewById(R.id.edtNome);
29         txtIdade = findViewById(R.id.edtIdade);
30         btnEmail = findViewById(R.id.btnEmail);
31         btnCompartilhar = findViewById(R.id.btnCompartilhar);
32         btnLigar = findViewById(R.id.btnLigar);
33
34         txtNome.setText(txtNome.getText().toString() + " " + nome);
35         txtIdade.setText(txtIdade.getText().toString() + " " + idade);
36
37         final String conteudo = "Meu nome é " + nome + "\nMinha idade é " + idade + " anos";

```



```

39 btnEmail.setOnClickListener(new View.OnClickListener() {
40     @Override
41     public void onClick(View v) {
42         Intent intent = new Intent();
43         intent.setAction(Intent.ACTION_SEND);
44         intent.setType("plain/text");
45         intent.putExtra(Intent.EXTRA_EMAIL, new String[]{"alessandro.antonio@etec.sp.gov.br"});
46         intent.putExtra(Intent.EXTRA_CC, new String[]{"arnaldo.hidalgo@etec.sp.gov.br"});
47         intent.putExtra(Intent.EXTRA_SUBJECT, value: "Tecnologias para Mobilidade");
48         intent.putExtra(Intent.EXTRA_TEXT, conteudo);
49         startActivity(Intent.createChooser(intent, title: "Enviar email"));
50     }
51 });

```

```

53 btnCompartilhar.setOnClickListener(new View.OnClickListener() {
54     @Override
55     public void onClick(View v) {
56         Intent intent = new Intent();
57         intent.setAction(Intent.ACTION_SEND);
58         intent.setType("plain/text");
59         intent.putExtra(Intent.EXTRA_TEXT, conteudo);
60         startActivity(Intent.createChooser(intent, title: "Compartilhar"));
61     }
62 });
63
64 btnLigar.setOnClickListener(new View.OnClickListener() {
65     @Override
66     public void onClick(View v) {
67         Intent intent = new Intent(Intent.ACTION_DIAL, Uri.parse("tel:1434115258"));
68         startActivity(Intent.createChooser(intent, title: "Ligar"));
69     }
70 });
71
72 }
73

```

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