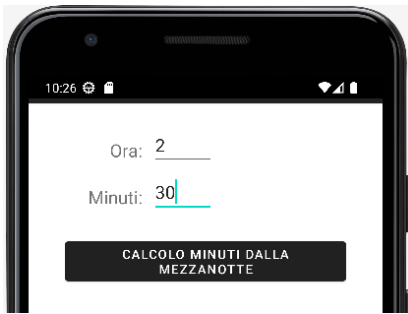


Esempio Pilota: DueActivity

activity_main.xml - interfaccia grafica



activity_main.xml - codice 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"
android:padding="40dp"
tools:context=".MainActivity">

<EditText
    android:id="@+id/edtMinuti"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginBottom="-5dp"
    android:ems="3"
    android:inputType="number"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="@+id/textView2"
    app:layout_constraintStart_toEndOf="@+id/textView2" />

<TextView
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="25dp"
    android:text="Minuti:"
    android:textSize="20sp"
    app:layout_constraintEnd_toEndOf="@+id/TextView1"
    app:layout_constraintTop_toBottomOf="@+id/TextView1" />

<Button
    android:id="@+id/btnCalcolo"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:onClick="btnCalcolo_Click"
    android:text="Calcolo Minuti dalla Mezzanotte"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView2" />

<TextView
    android:id="@+id/TextView1"

```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="50dp"
    android:text="Ora:"
    android:textSize="20sp"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />

```

```
<EditText
    android:id="@+id/edtOra"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginBottom="-5dp"
    android:ems="3"
    android:inputType="number"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="@+id/TextView1"
    app:layout_constraintStart_toEndOf="@+id/TextView1" />

```

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

MainActivity.java - Codice JAVA

```
package itis.it;

import androidx.appcompat.app.AppCompatActivity;

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

public class MainActivity extends AppCompatActivity {

    EditText edtOra;
    EditText edtMinuti;

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

        edtOra = findViewById(R.id.edtOra);
        edtMinuti = findViewById(R.id.edtMinuti);
    }

    public void btnCalcolo_Click ( View V )
    {
        int Ora = Integer.parseInt( edtOra.getText().toString() );
        int Minuti = Integer.parseInt( edtMinuti.getText().toString() );

        Intent mioIntent = new Intent (this, Seconda.class);

        mioIntent.putExtra("Ora", Ora); // (<nome>, <valore>)
        mioIntent.putExtra("Min", Minuti);

        startActivity ( mioIntent );
    }
}

```

activity_seconda.xml - interfaccia grafica**activity_seconda.xml - codice 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="wrap_content"
android:padding="40dp"
tools:context=".Seconda">

<TextView
    android:id="@+id/textView1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Orario inserito:"
    android:textSize="20sp"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />

<TextView
    android:id="@+id/tvOrario"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="20dp"
    android:text="NESSUNO"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="@+id/textView1"
    app:layout_constraintStart_toEndOf="@+id/textView1" />

<TextView
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:text="Minuti dalla Mezzanotte:"
    android:textSize="20sp"
    app:layout_constraintStart_toStartOf="@+id/textView1"
    app:layout_constraintTop_toBottomOf="@+id/textView1" />

<TextView
    android:id="@+id/tvMinutiDallaMezzanotte"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="20dp"
    android:text="_____"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="@+id/textView2"
    app:layout_constraintStart_toEndOf="@+id/textView2" />

<Button
```

```
    android:id="@+id/btnRitorna"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:onClick="btnRitorna_Click"
    android:text="RITORNA"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.5"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView2" />
```

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

Seconda.java - Codice JAVA

```
package itis.it;

import androidx.appcompat.app.AppCompatActivity;

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

public class Seconda extends AppCompatActivity {

    TextView tvOrario;
    TextView tvMinutiDallaMezzanotte;

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

        tvOrario = findViewById(R.id.tvOrario);
        tvMinutiDallaMezzanotte =
            findViewById(R.id.tvMinutiDallaMezzanotte);

        Intent mioIntent = getIntent ();

        int Ora = mioIntent.getIntExtra ("Ora", 0);
        int Minuti = mioIntent.getIntExtra ("Min", 0);

        tvOrario.setText( Ora + ":" + Minuti );

        int MinutiDallaMezzanotte = Ora * 60 + Minuti;

        tvMinutiDallaMezzanotte.setText(
            String.valueOf(MinutiDallaMezzanotte) );
    }

    public void btnRitorna_Click ( View V )
    {
        finish ();
    }
}
```