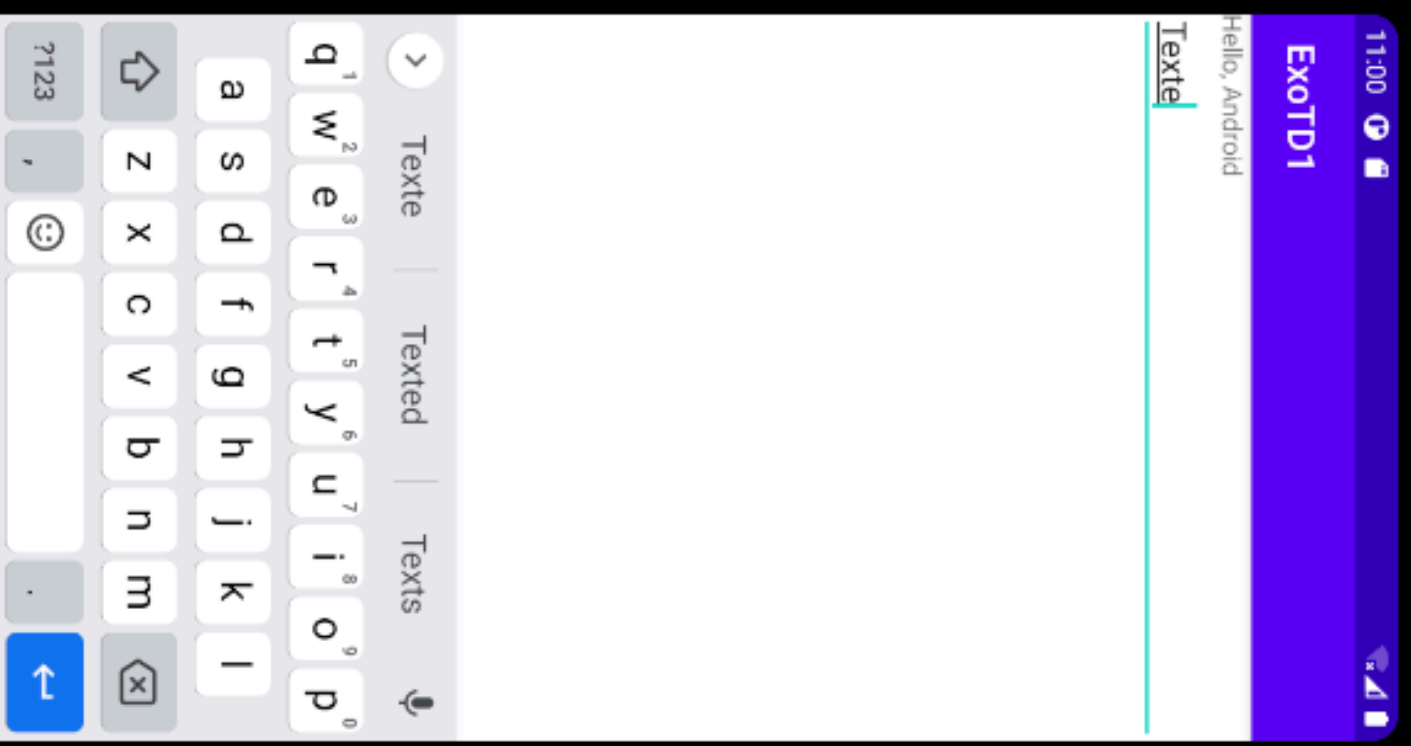


```

1 package com.example.exotd1;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6 import android.widget.EditText;
7 import android.widget.LinearLayout;
8 import android.widget.TextView;
9
10 public class MainActivity extends AppCompatActivity {
11
12     @Override
13     protected void onCreate(Bundle savedInstanceState) {
14         super.onCreate(savedInstanceState);
15         setContentView(R.layout.activity_main);
16         TextView tv = new TextView( context: this);
17         tv.setText("Hello, Android");
18
19         EditText EditText = new EditText( context: this);
20
21
22         LinearLayout ll = new LinearLayout( context: this);
23         ll.setOrientation(LinearLayout.VERTICAL);
24         ll.addView(tv);
25         ll.addView(EditText);
26         setContentView(ll);
27     }
28 }

```



```

<?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"
    tools:context=".MainActivity">

    <LinearLayout

        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <TextView

            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Hello World!"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintLeft_toLeftOf="parent"
            app:layout_constraintRight_toRightOf="parent"
            app:layout_constraintTop_toTopOf="parent" />

        <EditText

            android:id="@+id/editText"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />

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

```

11:15

Hello World!

ExoTD1

Texte Exo1 Question4

Question4

q<sup>1</sup> w<sup>2</sup> e<sup>3</sup> r<sup>4</sup> t<sup>5</sup> y<sup>6</sup> u<sup>7</sup> i<sup>8</sup> o<sup>9</sup> p<sup>0</sup>

a s d f g h j k l

z x c v b n m

, ; ' " < > ?

2123

←

```

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:orientation="vertical" >

    <Button
        android:id="@+id/mainbutton"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/button_label" />

    <TextView
        android:id="@+id/text2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/test2"

        android:visibility="visible" />

    <EditText
        android:id="@+id/EditText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"/>

</LinearLayout>

```

12:26

## ExoTD1

SHOW MESSAGE

Ma première application Android

### Exercice 2

> Tap to enable contact suggestions.

q<sup>1</sup> w<sup>2</sup> e<sup>3</sup> r<sup>4</sup> t<sup>5</sup> y<sup>6</sup> u<sup>7</sup> i<sup>8</sup> o<sup>9</sup> p<sup>0</sup>

a s d f g h j k l

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:orientation="horizontal" >
    <Button
        android:id="@+id/button1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Button 1" />
    <Button
        android:id="@+id/button2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Button 2" />
    <Button
        android:id="@+id/button3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Button 3"
        android:layout_weight="1"/>
</LinearLayout>

```

11:26



## ExoTD1

BUTTON 1

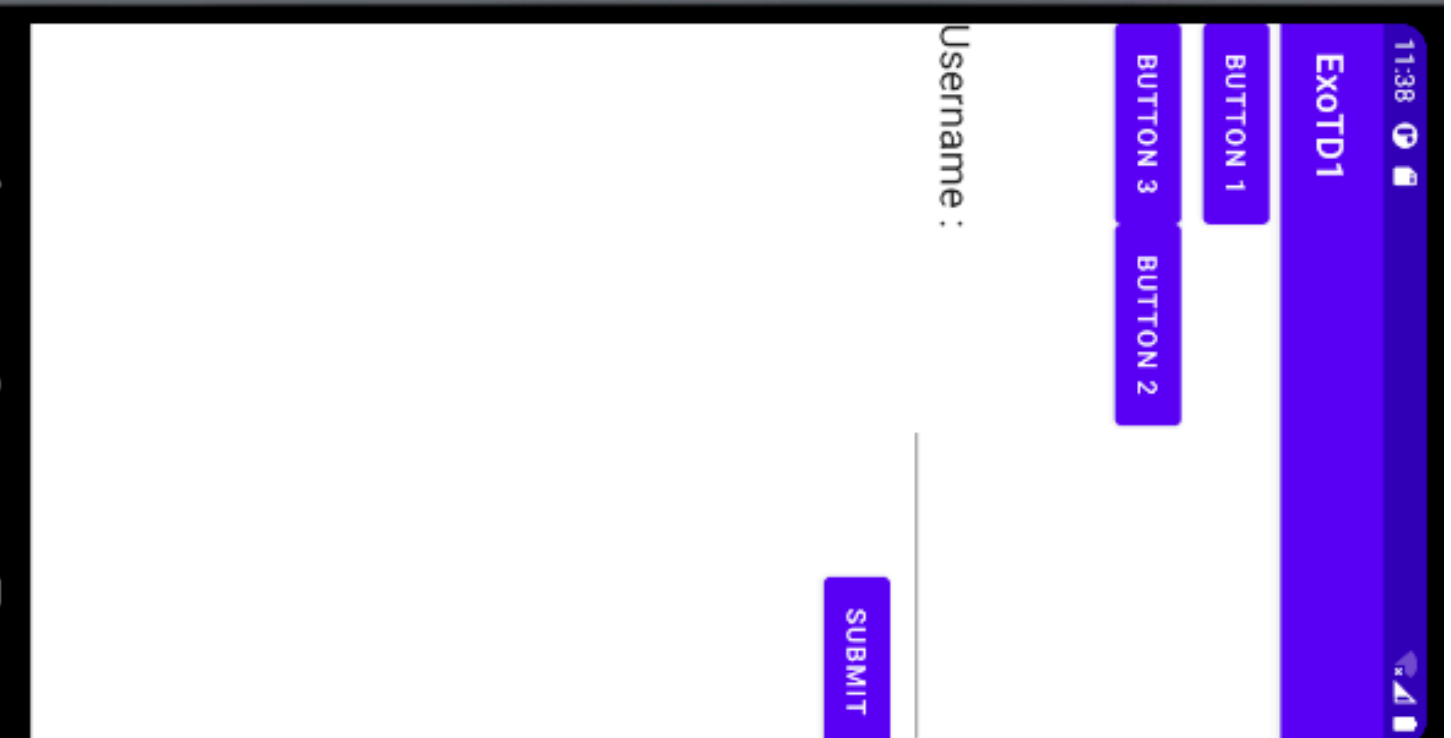
BUTTON 2

BUTTON 3

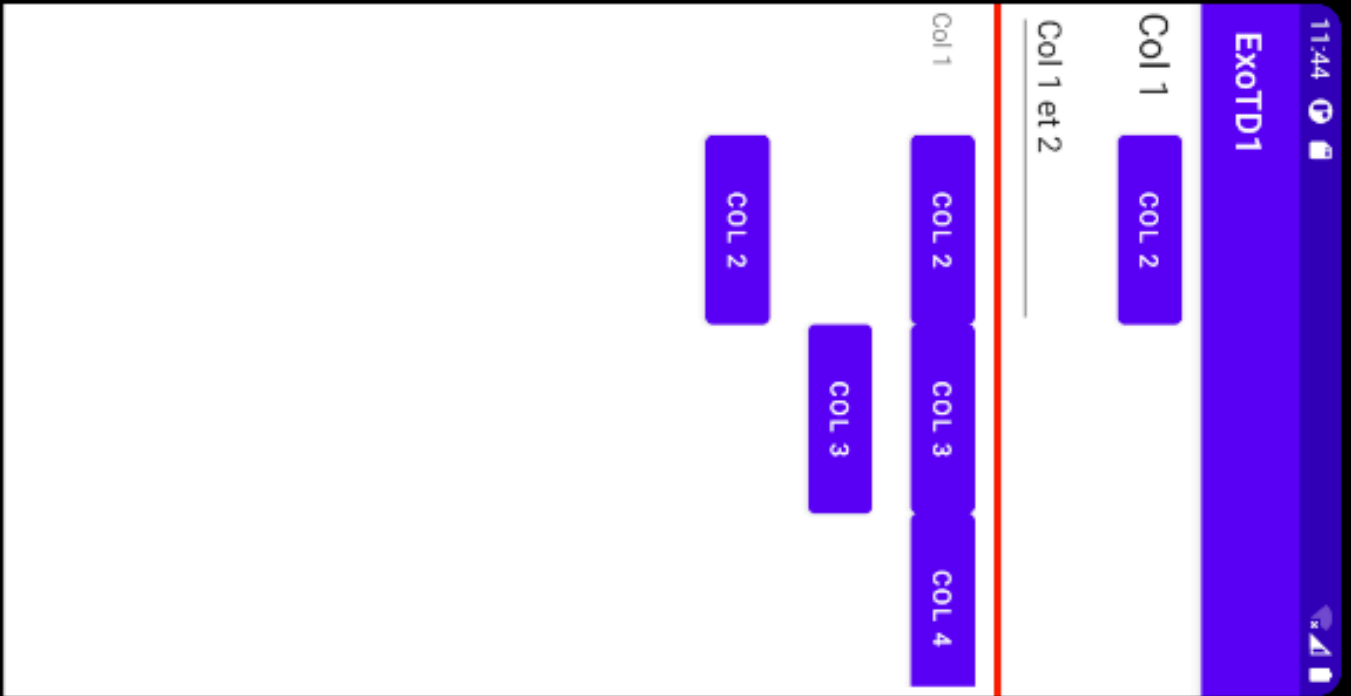
```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent" >
    <Button
        android:id="@+id/button1" android:layout_width="wrap_content"
        android:layout_height="wrap_content" android:text="Button 1"/>
    <TextView
        android:id="@+id/textView" android:layout_width="wrap_content"
        android:layout_height="wrap_content" android:layout_below="@+id/button3"
        android:layout_marginTop="65dp" android:text="Username : "
        android:textAppearance="?android:attr/textAppearanceLarge" />
    <EditText
        android:id="@+id/editText" android:layout_width="wrap_content"
        android:layout_height="wrap_content" android:layout_alignParentRight="true"
        android:layout_alignTop="@+id/textView" android:layout_toRightOf="@+id/button
        android:inputType="text" />
    <Button
        android:id="@+id/button0" android:layout_width="wrap_content"
        android:layout_height="wrap_content" android:layout_alignParentRight="true"
        android:layout_below="@+id/editText" android:text="Submit" />
    <Button
        android:id="@+id/button3" android:layout_width="wrap_content"
        android:layout_height="wrap_content" android:layout_alignParentLeft="true"
        android:layout_below="@+id/button1" android:text="Button 3" />
    <Button
        android:id="@+id/button2" android:layout_width="wrap_content"
        android:layout_height="wrap_content" android:layout_below="@+id/button1"
        android:layout_toRightOf="@+id/button1" android:text="Button 2" />
</RelativeLayout>

```



```
<TableLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/tableLayout" android:layout_width="fill_parent"
    android:layout_height="fill_parent" android:shrinkColumns="*" android:stretchColumns="
<!-- 2 columns -->
<TableRow android:id="@+id/tableRow1" android:layout_width="wrap_content"
    android:layout_height="wrap_content" android:padding="5dip" >
    <TextView
        android:id="@+id/textView1" android:text="Col 1"
        android:textAppearance="?android:attr/textAppearanceLarge" />
    <Button android:id="@+id/button1" android:text="Col 2" />
</TableRow>
<TableRow android:id="@+id/tableRow2" android:layout_width="wrap_content"
    android:layout_height="wrap_content" android:padding="5dip" >
    <EditText android:id="@+id/editText1" android:layout_span="2"
        android:text="Col 1 et 2" />
</TableRow>
<!-- red line -->
<View android:layout_height="4dip" android:background="#FF00" />
<!-- 4 columns -->
<TableRow android:id="@+id/tableRow3" android:layout_width="wrap_content"
    android:layout_height="wrap_content" android:padding="5dip" >
    <TextView android:id="@+id/textView2" android:text="Col 1" />
    <Button android:id="@+id/button2" android:text="Col 2" />
    <Button android:id="@+id/button3"
        android:text="Col 3" />
    <Button android:id="@+id/button5"
        android:text="Col 4" />
</TableRow>
<TableRow android:id="@+id/tableRow4" android:layout_width="wrap_content"
    android:layout_height="wrap_content" android:padding="5dip" >
    <Button android:id="@+id/button4" android:layout_column="2"
        android:text="Col 3" />
</TableRow>
<TableRow android:id="@+id/tableRow5" android:layout_width="wrap_content"
    android:layout_height="wrap_content" android:padding="5dip" >
    <Button android:id="@+id/button6" android:layout_column="1"
        android:text="Col 3" />
</TableRow>
```





```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     android:layout_width="fill_parent"
4     android:layout_height="fill_parent"
5     android:orientation="vertical" >
6     <Button
7         android:id="@+id/mainbutton"
8         android:layout_width="wrap_content"
9         android:layout_height="wrap_content"
10        android:text="@string/bouton1" />
11
12    <Button
13        android:id="@+id/bt2"
14        android:layout_width="wrap_content"
15        android:layout_height="wrap_content"
16        android:text="@string/bouton2" />
17
18    <Button
19        android:id="@+id/btlong"
20        android:layout_width="wrap_content"
21        android:layout_height="wrap_content"
22        android:text="@string/boutonlong" />
23
24    <TextView
25        android:id="@+id/text"
26        android:text="@string/Test"
27        android:layout_width="wrap_content"
28        android:layout_height="wrap_content"
29        android:visibility="invisible"></TextView>
30 </LinearLayout>

```

12:11

ExoTD1

BOUTON1

BOUTON2

BOUTONLONG

# ExoTD1



BOUTON1

BOUTON2

BOUTONLONG

Message Toast



12:11



## ExoTD1

BOUTON1

BOUTON2



BOUTONLONG

Exercice 4

12:12



## ExoTD1

BOUTON1

BOUTON2

BOUTONLONG



Exercice 4

Long click

12:32



## ExoTD1



linux



macos



windows

DISPLAYLABEL