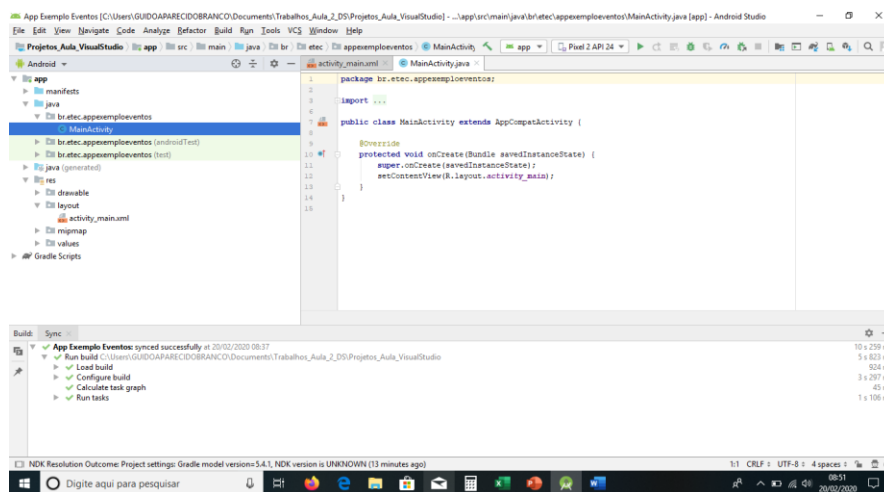


Curso Android Studio

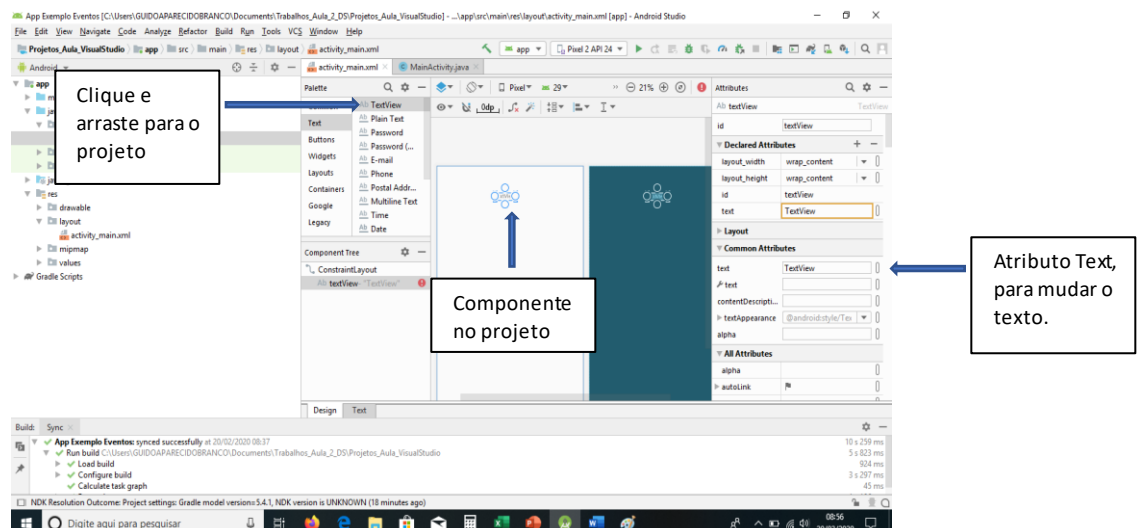
Aula 4

Criando evento de clique no botão do projeto Android

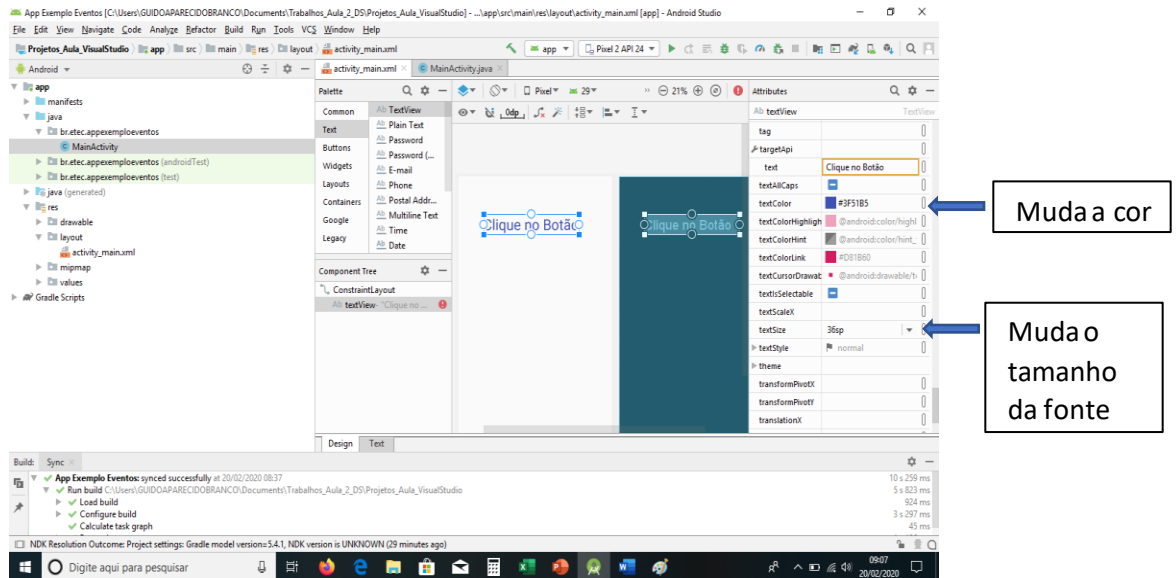
Vamos criar um projeto novo com o nome App Exemplo Evento no Android Studio:



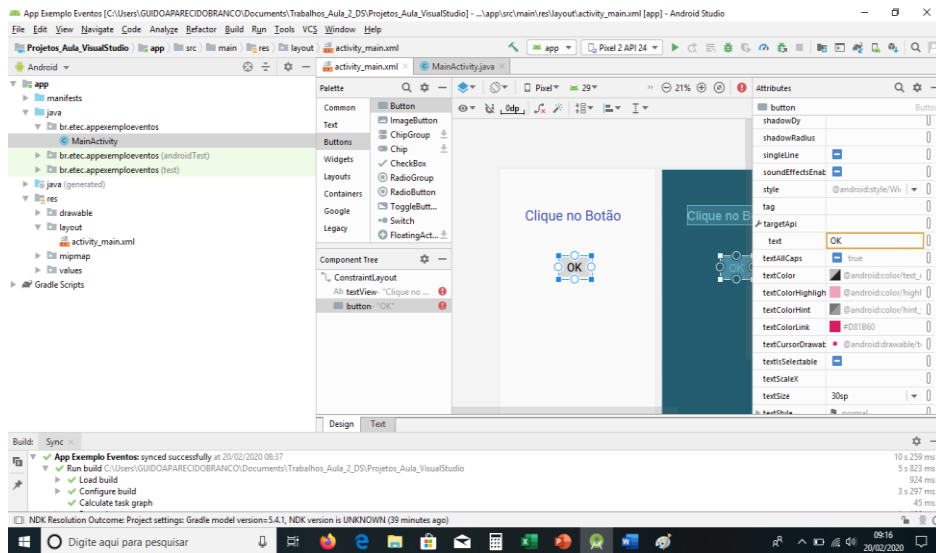
Escolher um tipo de Layouts na paleta e adicionar um TextView ao projeto e alterar o texto para “Clique no Botão”, como mostra a figura:



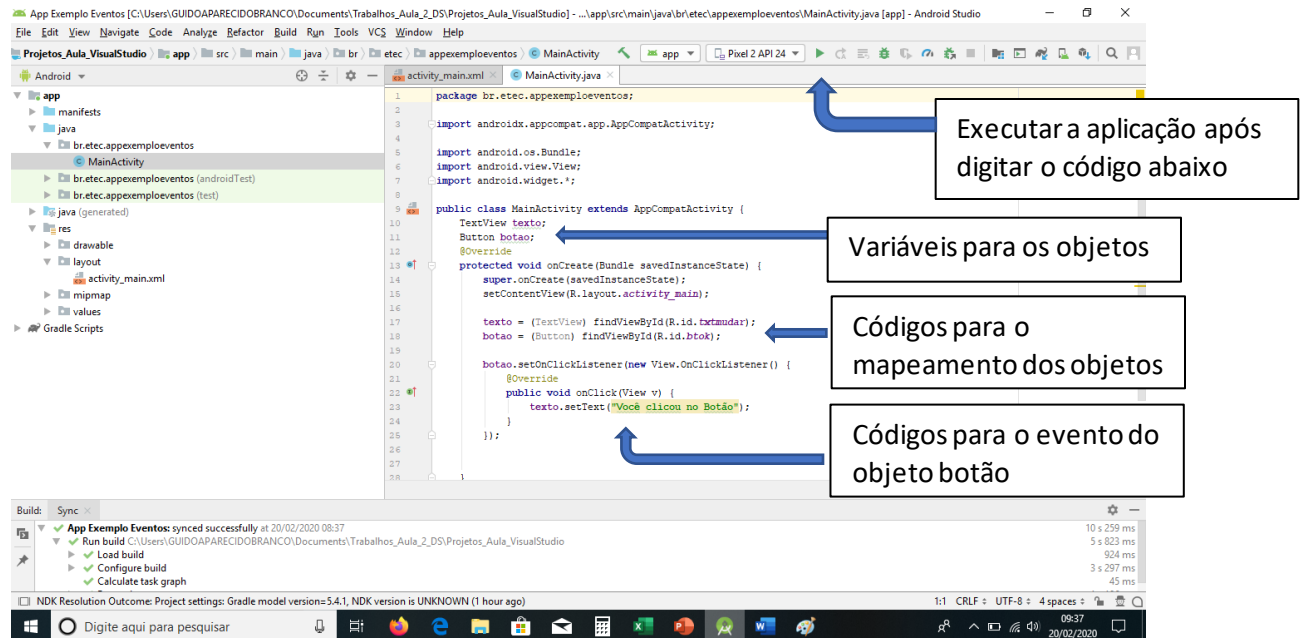
Você poderá alterar o tamanho da fonte e a cor utilizando as propriedades `textsize` e `textcolor`:



Adicionar um botão ao projeto e alterar os atributos `text` e `textsize`:



Digite na classe MainActivity o código abaixo:



The screenshot shows the Android Studio interface with the `MainActivity.java` file open. The code is as follows:

```

1 package br.etec.appexemploeventos;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6 import android.view.View;
7 import android.widget.*;
8
9 public class MainActivity extends AppCompatActivity {
10     TextView texto;
11     Button botao;
12     @Override
13     protected void onCreate(Bundle savedInstanceState) {
14         super.onCreate(savedInstanceState);
15         setContentView(R.layout.activity_main);
16
17         texto = (TextView) findViewById(R.id.txttmdar);
18         botao = (Button) findViewById(R.id.btok);
19
20         botao.setOnClickListener(new View.OnClickListener() {
21             @Override
22             public void onClick(View v) {
23                 texto.setText("Você clicou no Botão");
24             }
25         });
26     }
27 }

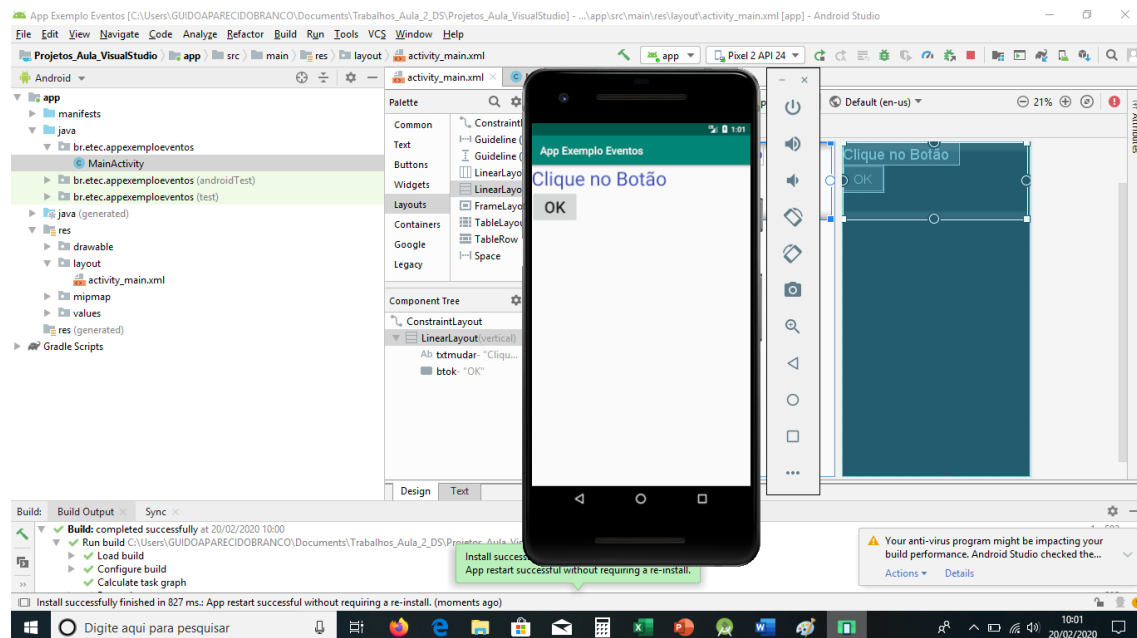
```

Annotations with arrows point to specific parts of the code:

- Executar a aplicação após digitar o código abaixo**: Points to the package and import statements.
- Variáveis para os objetos**: Points to the `TextView texto;` and `Button botao;` declarations.
- Códigos para o mapeamento dos objetos**: Points to the `findViewById` calls for `texto` and `botao`.
- Códigos para o evento do objeto botão**: Points to the `setOnClickListener` block.

The bottom of the screen shows the build log with the message: `App Exemplo Eventos: synced successfully at 20/02/2020 08:37`.

Resultado



The screenshot shows the Android Studio interface with the app running on a virtual device. The app's UI is displayed, showing a green header with the text "App Exemplo Eventos" and a blue button labeled "Clique no Botão". Below the button is a text area with the text "OK".

The bottom of the screen shows the build log with the message: `Build: completed successfully at 20/02/2020 10:00`. A notification at the bottom right states: "Your anti-virus program might be impacting your build performance. Android Studio checked the..."