

P9 - REAL ESTATE MANAGER (RESOLUTIONS DE BUGS)

1. Premier bug

```
E/AndroidRuntime: FATAL EXCEPTION: main
Process: com.openclassrooms.realestatemanager, PID: 8691
java.lang.RuntimeException: Unable to start activity ComponentInfo{com.openclassrooms.realestatemanager/com.openclassrooms.realestatemanager.MainActivity}: java.lang.NullPointerException: Attempt to invoke virtual method 'void android.widget.TextView.setTextSize(float)' on a null object reference
```

```
public class MainActivity extends AppCompatActivity {

    private TextView textViewMain;
    private TextView textViewQuantity;

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

        this.textViewMain = findViewById(R.id.activity_second_activity_text_view_main);
        this.textViewQuantity = findViewById(R.id.activity_main_activity_text_view_quantity);
    }
}
```

SOLUTION : textViewMain a été changé car l'id du TextView sélectionné était : "activity_second_activity_text_view_main" qui était sur la deuxième activité alors que l'id correct était sur le premier layout "activity_main_activity_text_view_main"

```
this.textViewMain = findViewById(R.id.activity_main_activity_text_view_main);
```

2. Deuxième bug :

```
private void configureTextViewQuantity(){
    int quantity = Utils.convertDollarToEuro( dollars: 100);
    this.textViewQuantity.setTextSize(20);
    this.textViewQuantity.setText(quantity);
}
```

```
E/AndroidRuntime: FATAL EXCEPTION: main
Process: com.openclassrooms.realestatemanager, PID: 8851
java.lang.RuntimeException: Unable to start activity ComponentInfo{com.openclassrooms.realestatemanager/com.openclassrooms.realestatemanager.MainActivity}: android.content.res.Resources$NotFoundException: String resource ID #0x51
```

SOLUTION : La méthode "this.textViewQuantity.setText(int quantity)" attend comme paramètre une variable de type String alors que la valeur passée était de type « int ». Le but était donc de changer « quantity » en « String.valueOf(quantity) ».

```
private void configureTextViewQuantity(){
    int quantity = Utils.convertDollarToEuro( dollars: 100);
    this.textViewQuantity.setTextSize(20);
    this.textViewQuantity.setText(String.valueOf(quantity) );
}
```