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package com.example.mateuszlopacinskilaboratory1

import android.os.Bundle
import android.util.Log
import android.widget.Toast
import android.widget.Toast.LENGTH_LONG
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.activity.enableEdgeToEdge
import androidx.compose.foundation.layout.Arrangement
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.statusBarsPadding
import androidx.compose.foundation.layout.navigationBarsPadding
import androidx.compose.material3.Button
import androidx.compose.material3.Text
import androidx.compose.material3.TextField
import androidx.compose.runtime.Composable
import androidx.compose.runtime.MutableState
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.remember
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.unit.sp

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContent {
            val ctx = LocalContext.current
            val txt: MutableState<String> = remember {
                mutableStateOf("This text will be changed")
            }
            val shouldTextsBePresented: MutableState<Boolean> = remember {
                mutableStateOf(false)
            }
            val tfValue: MutableState<String> = remember {
                mutableStateOf("My value")
            }

            Column(modifier = Modifier
                .statusBarsPadding()
                .navigationBarsPadding()) {
                Button(onClick = {
                    Log.i("myapp", "Entry from my application")
                }) {
                    Text("Log to LogCat")
                }

                Button(onClick = {
                    Toast.makeText(ctx, "Hello there!", LENGTH_LONG).show()
                }) {
                    Text("My first button")
                }

                Button(onClick = {
                    txt.value = "My new text"
                }) {
                    Text("Change the text")
                }
            }
        }
    }
}

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        Text(text = txt.value, fontSize = 20.sp)

        Button(onClick = {
            shouldTextsBePresented.value = !shouldTextsBePresented.value
        }) {
            Text("${if (shouldTextsBePresented.value) "Hide" else "Display"} colored
text")
        }

        TextField(value = tfValue.value, onValueChange = {
            tfValue.value = it
        })

        if (shouldTextsBePresented.value) {
            MyTexts()
        }
    }
}

@Composable
fun MyTexts() {
    Column(
        horizontalAlignment = Alignment.End,
        verticalArrangement = Arrangement.Bottom,
        modifier = Modifier.fillMaxSize()
    ) {
        Text(text = "Hello World!", color = Color.Red, fontSize = 20.sp, letterSpacing =
3.sp)
        Text(
            text = "I'm doing so great",
            color = Color.Blue,
            fontSize = 20.sp,
            letterSpacing = 3.sp
        )
        Text(
            text = "And android is so cool",
            color = Color.Magenta,
            fontSize = 20.sp,
            letterSpacing = 3.sp
        )
    }
}

```

