# EXERCISE 1: “HELLO IOT!” IN PYTHON

After all the changes this is what the code looks like:

import flet as ft

def main(page: ft.Page):

    page.add(ft.SafeArea(ft.Text("Hello IoT!", style=ft.TextStyle(color="blue"), style=ft.TextStyle(font\_size=35))))

ft.app(main)

# EXERCISE 2: COUNTER APP IN PYTHON

After all the changes this is what the code looks like:

import flet as ft

def main(page: ft.Page):

page.title = "Flet counter example"

page.vertical\_alignment = ft.MainAxisAlignment.CENTER

txt\_number = ft.TextField(value="0", text\_align=ft.TextAlign.RIGHT, width=100)

counter = 0

def minus\_click(e):

nonlocal counter

txt\_number.value = str(pow(2,counter-1))

counter -= 1

page.update()

def plus\_click(e):

nonlocal counter

txt\_number.value = str(pow(2,counter+1))

counter += 1

page.update()

page.add(

ft.Row(

[

ft.IconButton(ft.icons.REMOVE, on\_click=minus\_click),

txt\_number,

ft.IconButton(ft.icons.ADD, on\_click=plus\_click),

],

alignment=ft.MainAxisAlignment.CENTER,

)

)

ft.app(main)