Download the Zip File from the google drive
https://drive.google.com/file/d/1eW0Q8e5gOZ2Q87coPfYRC0PWil0cHFTs/view?usp=sharing

Go to your desired directory where you have saved the simple_calculator folder by unzipping the zip file

After doing the above steps follow the below commans in the vs code termibal

```
python3 -m venv venv

source venv/bin/activate

pip install starlette uvicorn
```

Install the ios 26.1 simulator on your system(Xcode)

Run Python Server (Terminal 1)

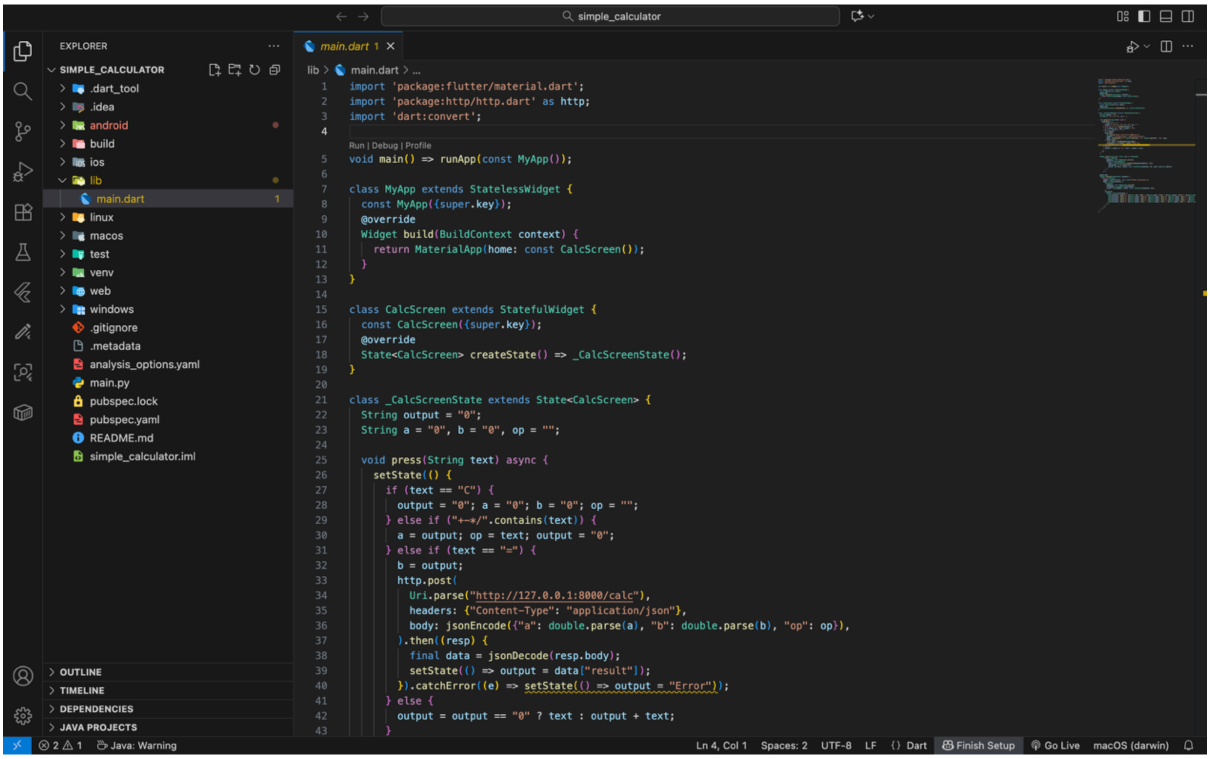
```
source venv/bin/activate

python main.py
```

Run Flutter App (Terminal 2)

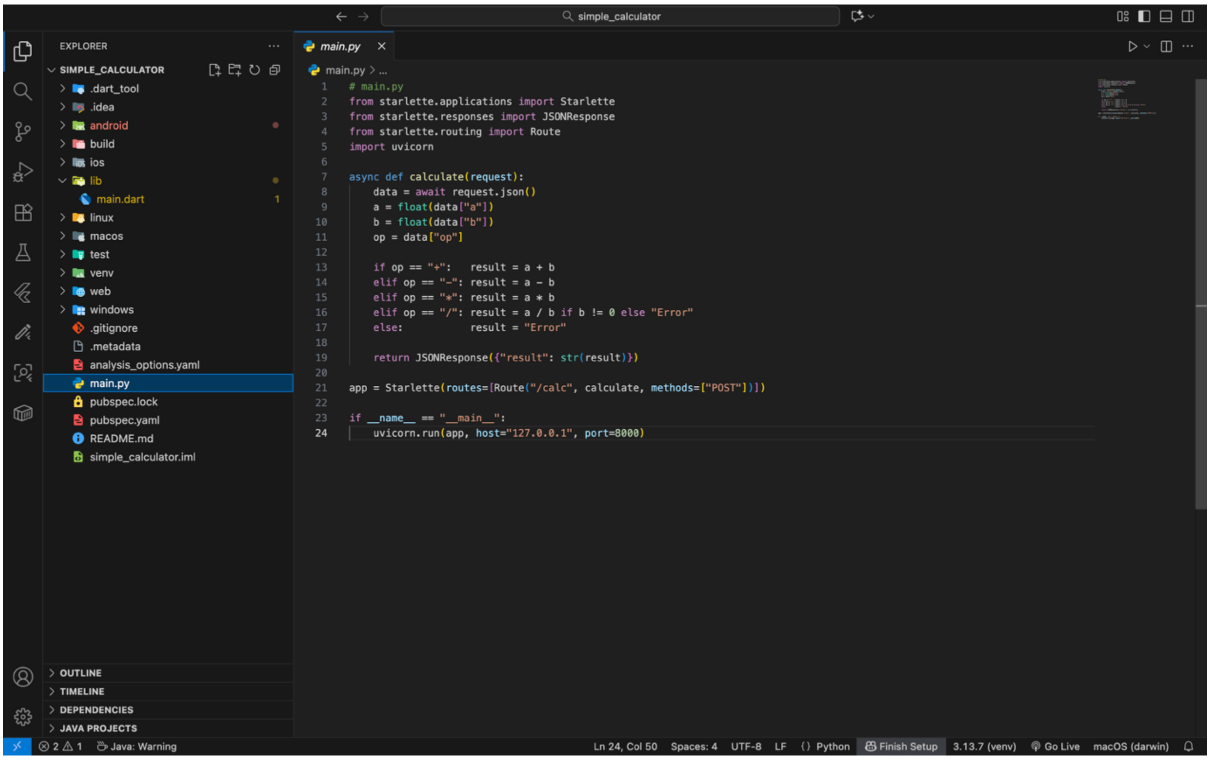
1. Terminal → New Terminal
2. Run:

   ```
   open -a Simulator

   flutter run
   ```

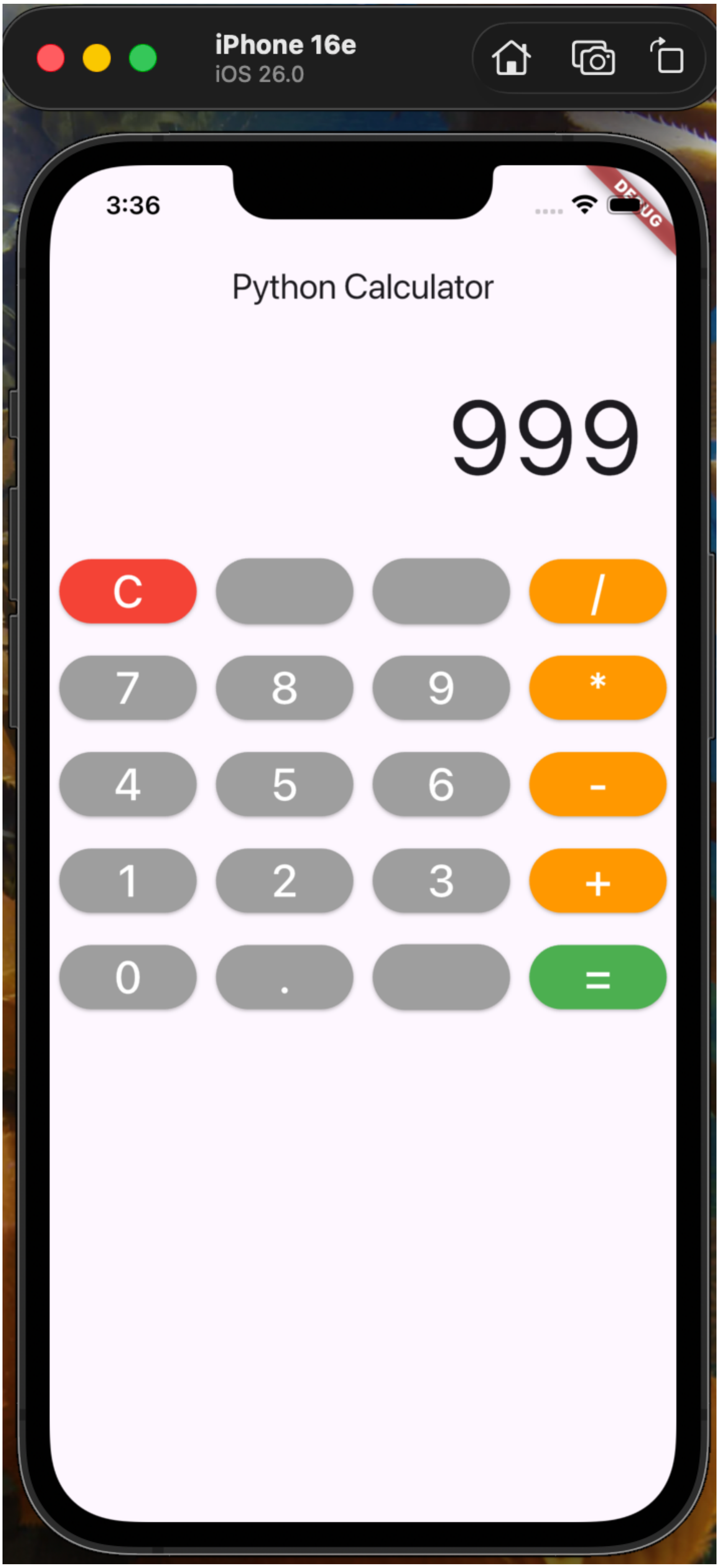
Test the calculator app



```dart
import 'package:flutter/material.dart';
import 'package:http/http.dart' as http;
import 'dart:convert';

void main() => runApp(const MyApp());

class MyApp extends StatelessWidget {
  const MyApp({super.key});
  @override
  Widget build(BuildContext context) {
    return MaterialApp(home: const CalcScreen());
  }
}

class CalcScreen extends StatefulWidget {
  const CalcScreen({super.key});
  @override
  State<CalcScreen> createState() => _CalcScreenState();
}

class _CalcScreenState extends State<CalcScreen> {
  String output = "0";
  String a = "0", b = "0", op = "";

  void press(String text) async {
    setState(() {
      if (text == "C") {
        output = "0"; a = "0"; b = "0"; op = "";
      } else if ("+-*/".contains(text)) {
        a = output; op = text; output = "0";
      } else if (text == "=") {
        b = output;
        http.post(
          Uri.parse("http://127.0.0.1:8000/calc"),
          headers: {"Content-Type": "application/json"},
          body: jsonEncode({"a": double.parse(a), "b": double.parse(b), "op": op}),
        ).then((resp) {
          final data = jsonDecode(resp.body);
          setState(() => output = data["result"]);
        }).catchError((e) => setState(() => output = "Error"));
      } else {
        output = output == "0" ? text : output + text;
      }
```



```python
# main.py
from starlette.applications import Starlette
from starlette.responses import JSONResponse
from starlette.routing import Route
import uvicorn

async def calculate(request):
    data = await request.json()
    a = float(data["a"])
    b = float(data["b"])
    op = data["op"]

    if op == "+":   result = a + b
    elif op == "-": result = a - b
    elif op == "*": result = a * b
    elif op == "/": result = a / b if b != 0 else "Error"
    else:           result = "Error"

    return JSONResponse({"result": str(result)})

app = Starlette(routes=[Route("/calc", calculate, methods=["POST"])])

if __name__ == "__main__":
    uvicorn.run(app, host="127.0.0.1", port=8000)
```



iPhone 16e
iOS 26.0
3:36
DEBUG
Python Calculator
999
C
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