```dart
import 'package:flutter/material.dart';
import 'dart:async';
import 'dart:io';
import 'package:path_provider/path_provider.dart';

class Home extends StatefulWidget {
  @override   State<Home> createState() => _HomeState();}

class _HomeState extends State<Home> {
  int counter = 0;
/////////////////// ايجاد مسار مجلد الملف/////////////////
  Future<String> getlocalPath() async {
    var directory = await getApplicationDocumentsDirectory();
    return directory.path;
  }
///////////////////////////////// ايجاد الملف /////////////
  Future<File> getlocalFile() async {
    final path = await getlocalPath();
    return File('$path/counter.txt');
  }
////////////////////////////////////////////////////
  Future<int> readCounter() async {
    try {
      final file = await getlocalFile();
      // Read the file
      final contents = await file.readAsString();
      return int.parse(contents);
    } catch (e) {
      // If encountering an error, return 0
      return 0;
    }
  }

  Future<File> writeCounter(int counter) async {
    File file = await getlocalFile();
    // Write the file
    return file.writeAsString('$counter');
  }

  @override
  void initState() {
    // TODO: implement initState
    super.initState();
    readCounter().then((data) {
      setState(() {
        counter =1000;
      // counter =data;
      });
    });
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Reading and Writing Files'),
      ),
      body: Center(
        child: Text('Button tapped $counter'),
      ),
      floatingActionButton: FloatingActionButton(
        child: const Icon(Icons.add),
        onPressed: () {
          setState(() {
            counter++;
          });
          writeCounter(counter);
        },
      ),
    );
  }
}
```