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ICT Department

# ចាប់ផ្តើមសរសេរកូដជាលើកដំបូងជាមួយ Flutter និង Dart

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# ចាប់ផ្តើមសរសេរកូដជាលើកដំបូងជាមួយ Flutter និង Dart

\* ដើម្បីភាពងាយស្រួល យើងនឹងចាប់ផ្តើមសរសេរ Dart នៅក្នុង Android Studio

1. បង្កើត project ថ្មី
2. លុបកូដចេញទាំងអស់ពី main.dart ក្នុង lib folder
3. បន្ទាប់មកសរសេរកូដខាងក្រោម៖

```
import 'package:flutter/material.dart';

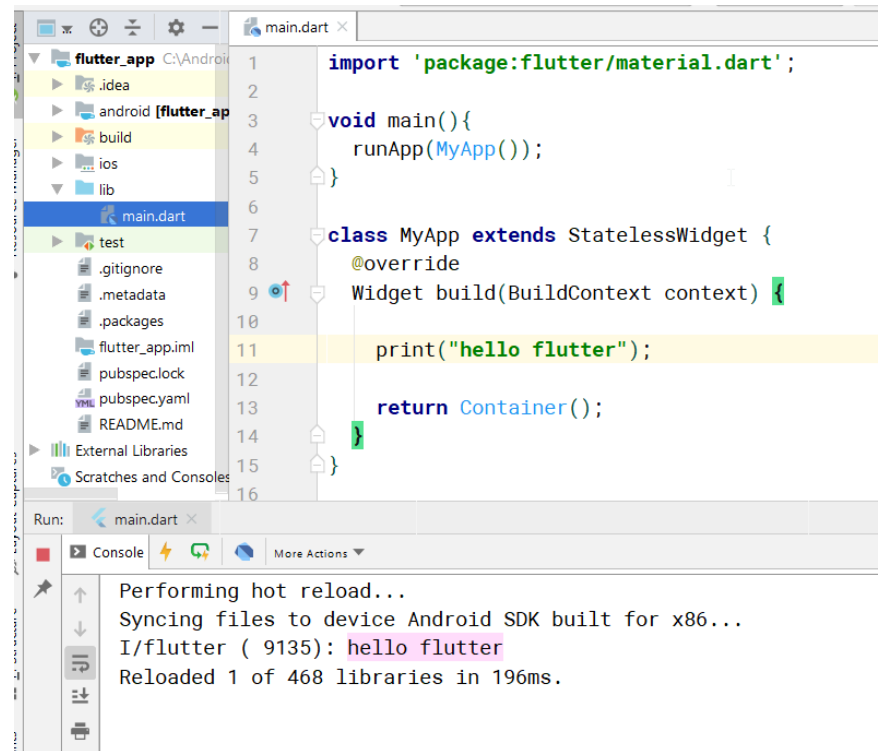
void main(){
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {

    print("hello flutter");

    return Container();
  }
}
```

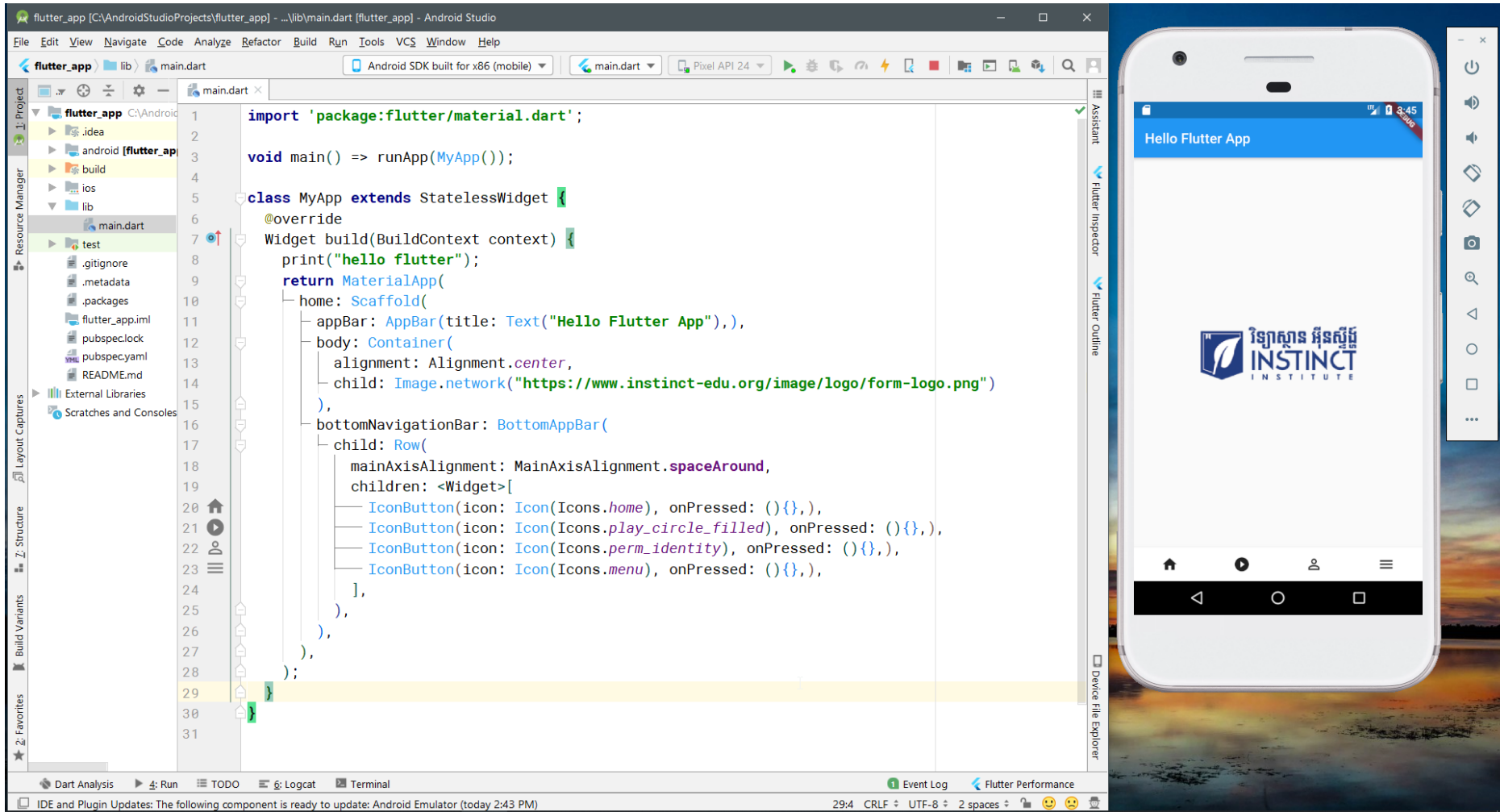
4. ចុច button play ដើម្បី run



```
import 'package:flutter/material.dart';

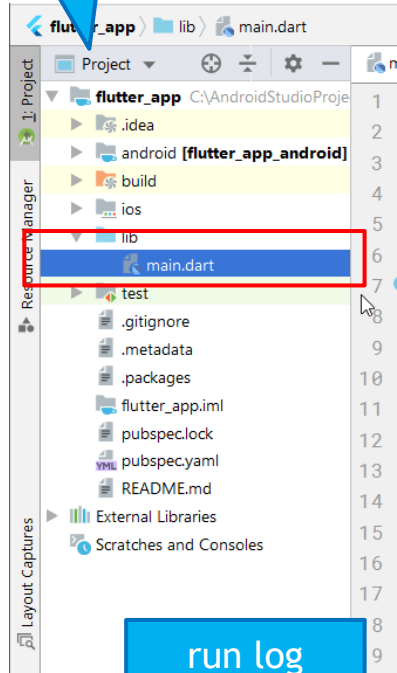
void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    print("hello flutter");
    return MaterialApp(
      home: Scaffold(
        appBar: AppBar(title: Text("Hello Flutter App")),
        body: Container(
          alignment: Alignment.center,
          child: Image.network("https://www.instinct-edu.org/image/logo/form-logo.png"),
        ),
        bottomNavigationBar: BottomAppBar(
          child: Row(
            mainAxisAlignment: MainAxisAlignment.spaceAround,
            children: <Widget>[
              IconButton(icon: Icon(Icons.home), onPressed: (){}),
              IconButton(icon: Icon(Icons.play_circle_filled), onPressed: (){}),
              IconButton(icon: Icon(Icons.perm_identity), onPressed: (){}),
              IconButton(icon: Icon(Icons.menu), onPressed: (){}),
            ],
          ),
        ),
      ),
    );
  }
}
```

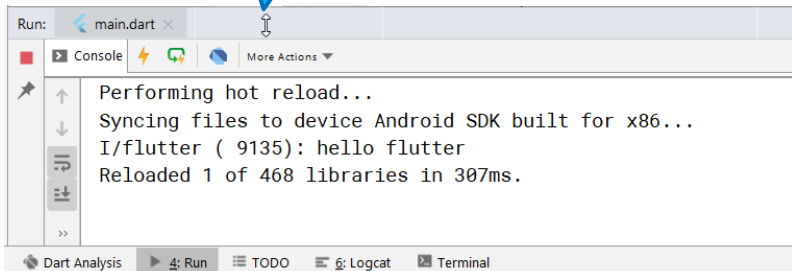


# សិក្សាលើ Android Studio IDE សំរាប់ Flutter

project



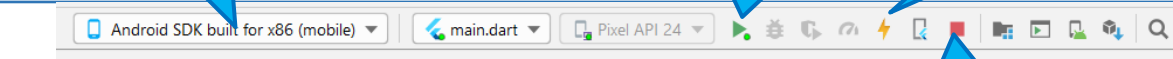
run log



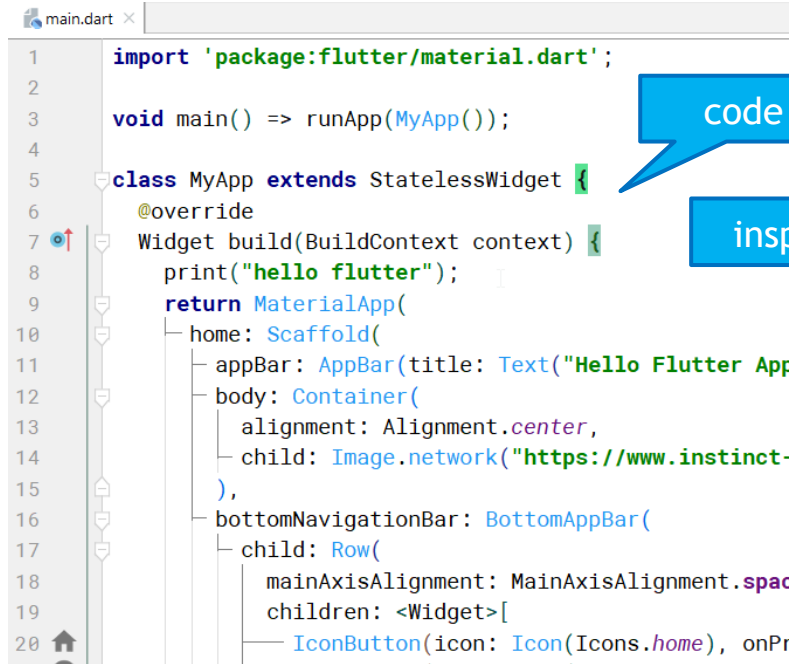
emulator

run/hot restart

hot reload

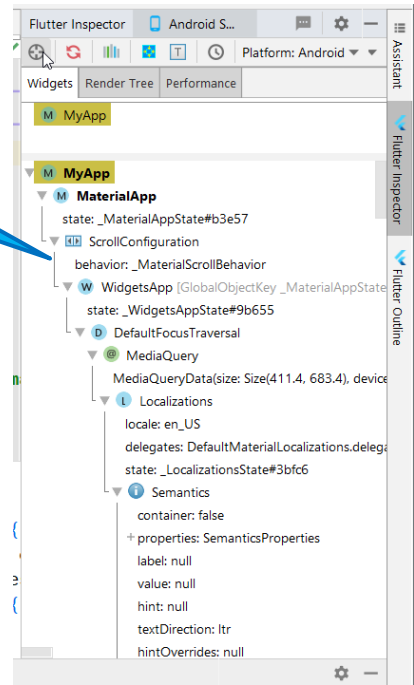


stop

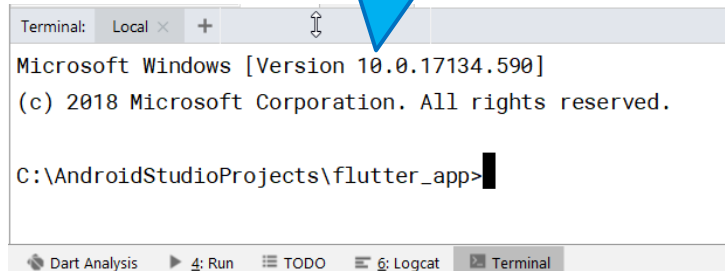


code

inspector



terminal



# របៀបដោះស្រាយ ក្នុងពេលកំណើ error IDE ឬ Flutter

ពេលខ្លះ IDE និង Flutter មានការ error ណាមួយ ដែលបណ្តាលអោយយើងមិនអាច  
បើក android emulator បាន។ យើងអាចសាកល្បងដោះស្រាយបញ្ហាតាមរបៀប៖

1. Tools menu -> Flutter -> Flutter clean
2. File menu -> Invalidate Caches/Restart -> Invalidate and Restart
3. លុប android emulator ចាស់ចេញ ហើយបង្កើត emulator ឡើងវិញ