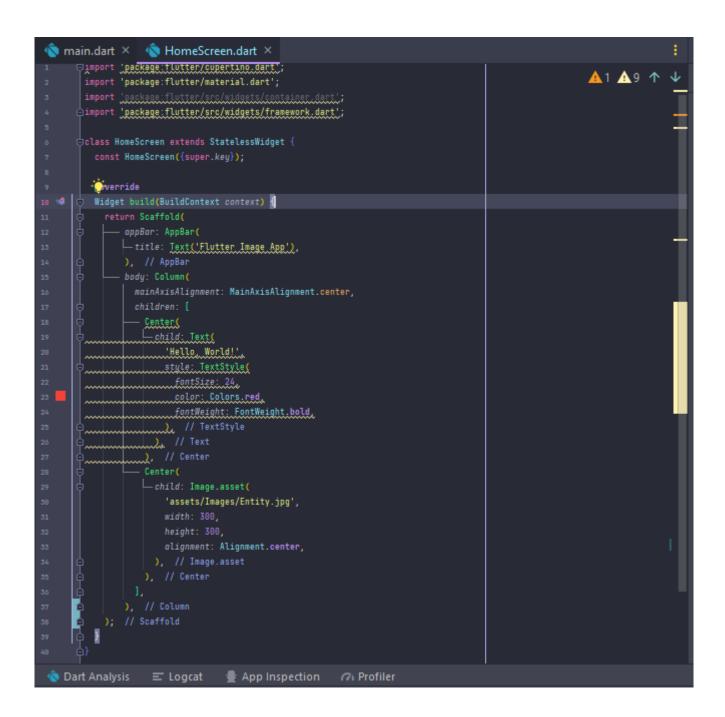
# Final Paper Mobile Application Development Section AM

Jaffar Abbas Fa19-bsse-0008

## App 1 Image App



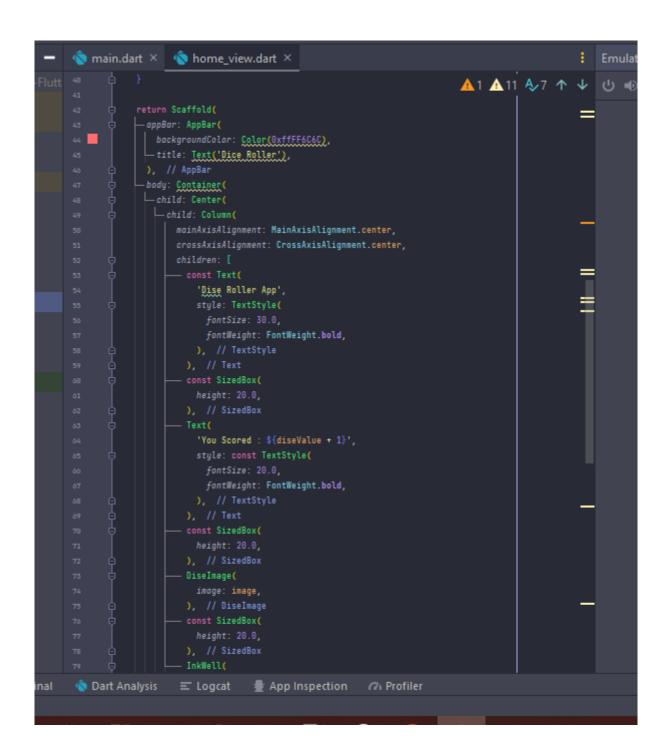


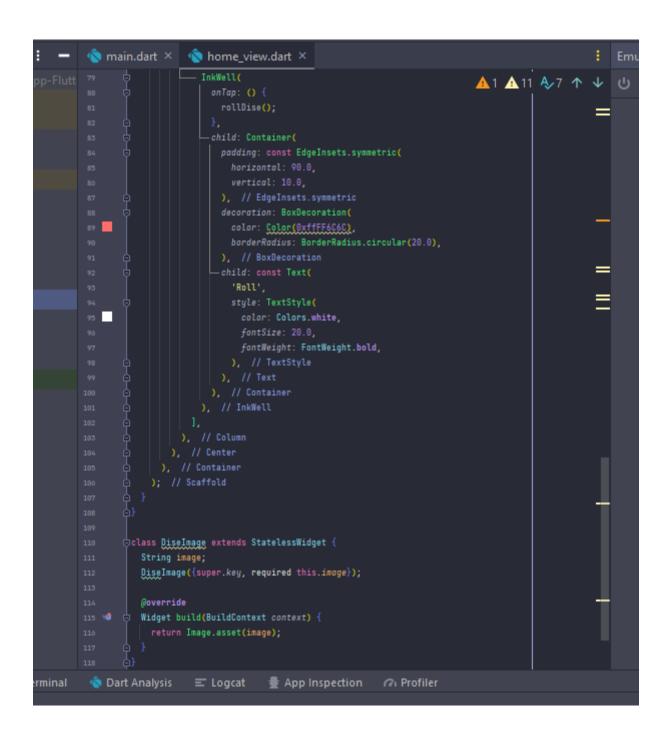
```
| Description | Provided House | Provide
```

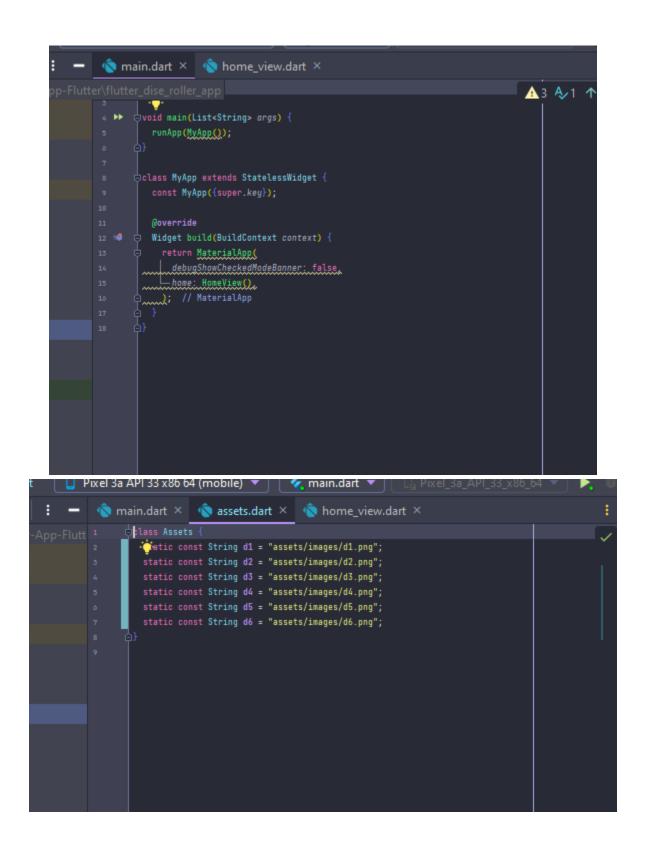
### App 2 (Dice Roller App)



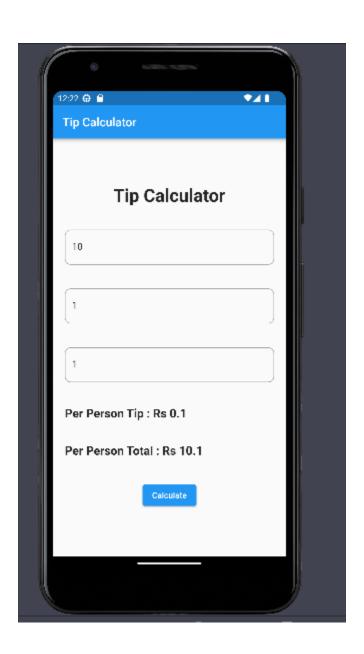
```
🔖 main.dart 🗴 🐞 home_view.dart 🗡
     ⇒import 'dart:math';
                                                                  import 'package:flutter/material.dart';
       import 'package:flutter/src/widgets/container.dart';
       import 'package:flutter/src/widgets/framework.dart';
     import 'package:flutter_dise_roller_app/constants/assets.dart';
     class HomeView extends StatefulWidget {
        const HomeView({super.key});
        @override
        State<HomeView> createState() => _HomeViewState();
     class _HomeViewState extends State<HomeView> {
       int diseValue = 0;
     Assets.d3,
        String image = Assets.d1;
        Widget build(BuildContext context) {
         void rollDise() {
             image = diseImages[diseValue];
            print(diseValue);
            print(image);
                              🖢 App Inspection 🕜 Profiler
🔷 Dart Analysis 🖃 Logcat
```

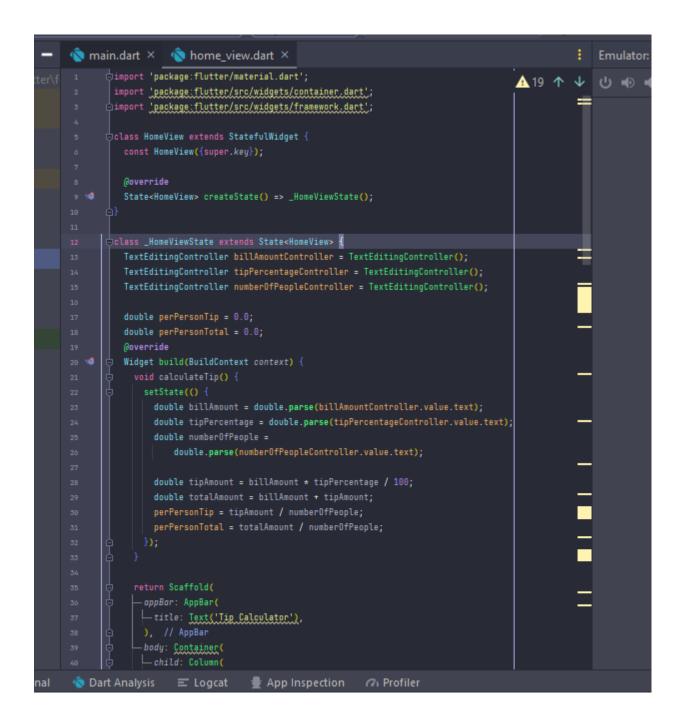


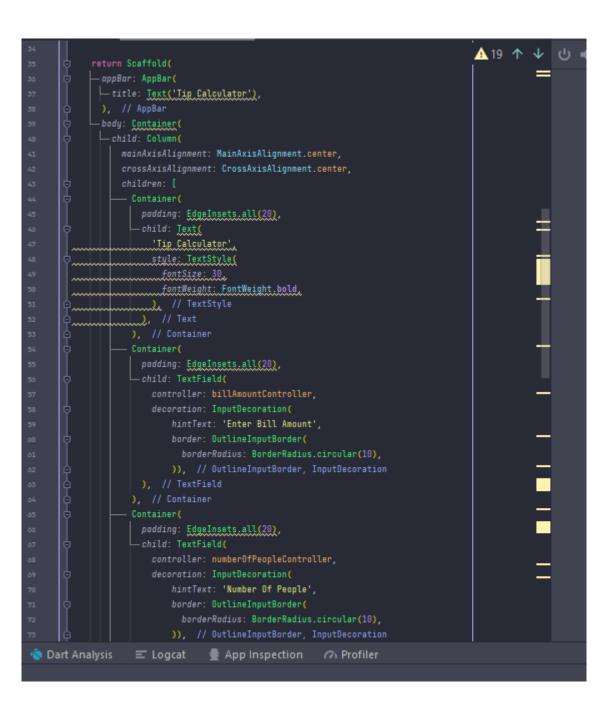


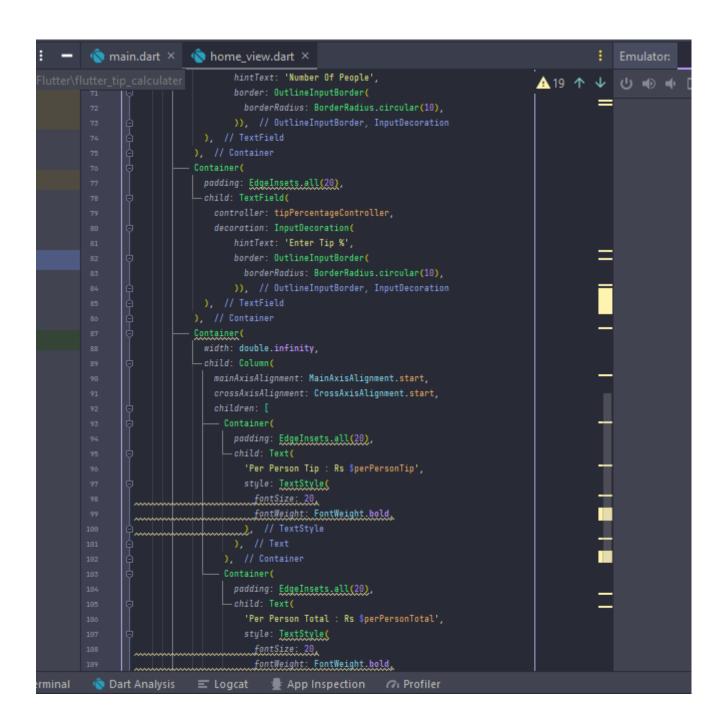


### App 3 (Tip Calculator App)



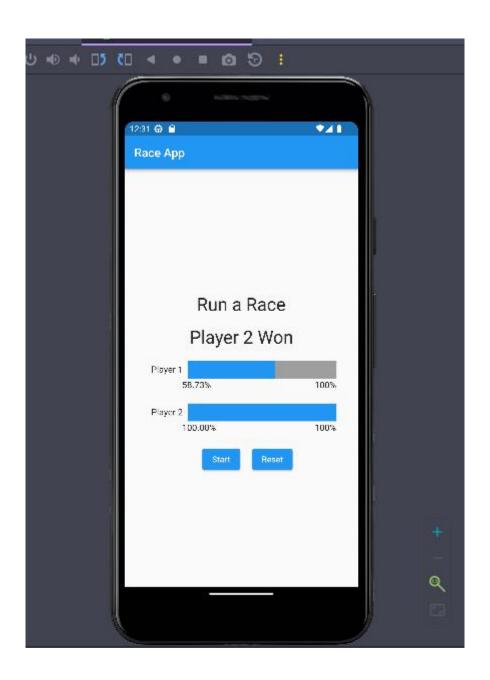




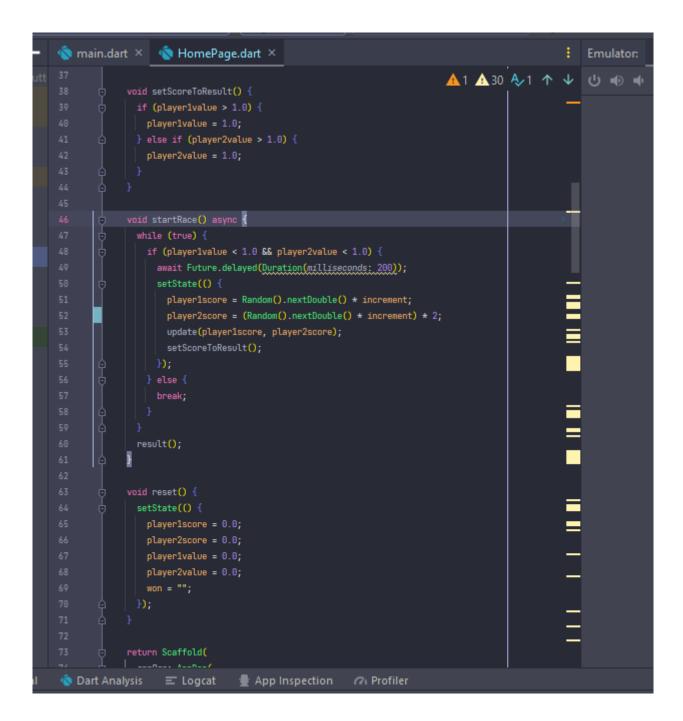


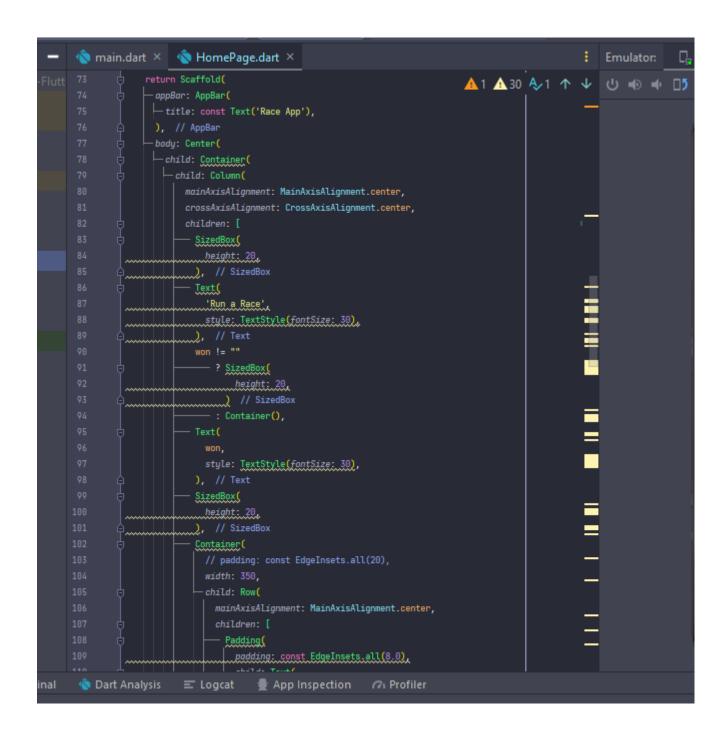
```
fontWeight: FontWeight.bold,
                   ), // Text
                   padding: EdgeInsets.all(20),
                     'Per Person Total : Rs $perPersonTotal',
                     style: TextStyle(
                       fontSize: 20
                   fontWeight: FontWeight.bold
                   ), // Text
             padding: EdgeInsets.all(20),
              -child: Text('Calculate'),
Į
Į
```

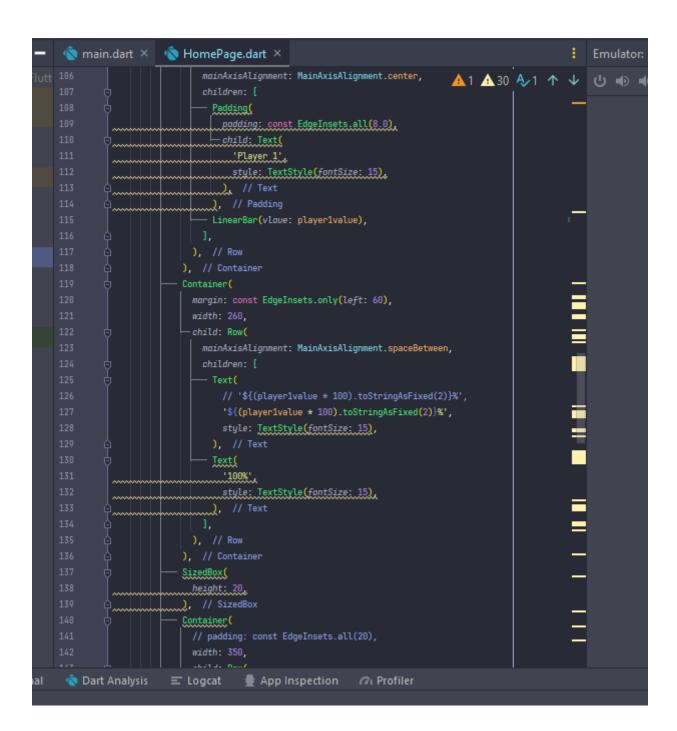
### App 4 (Race Tracker App)

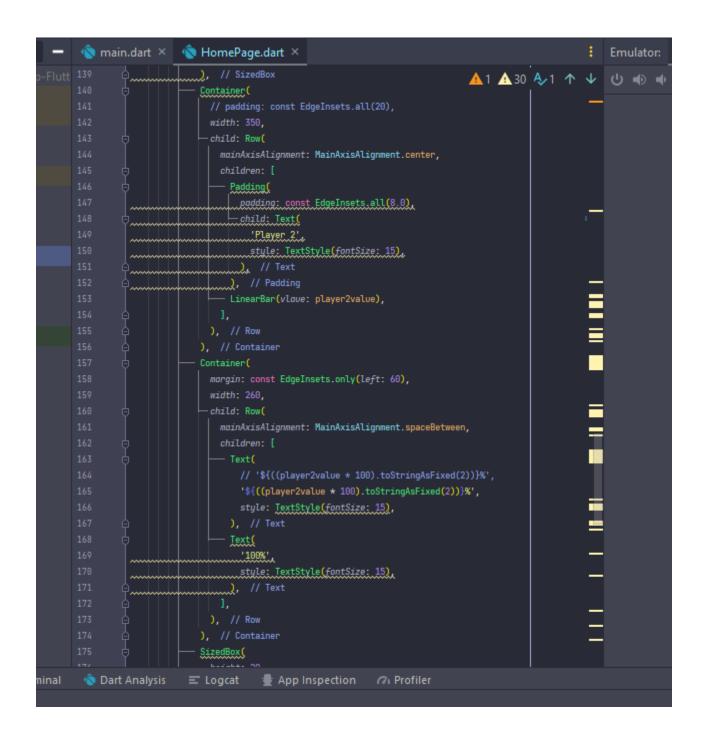


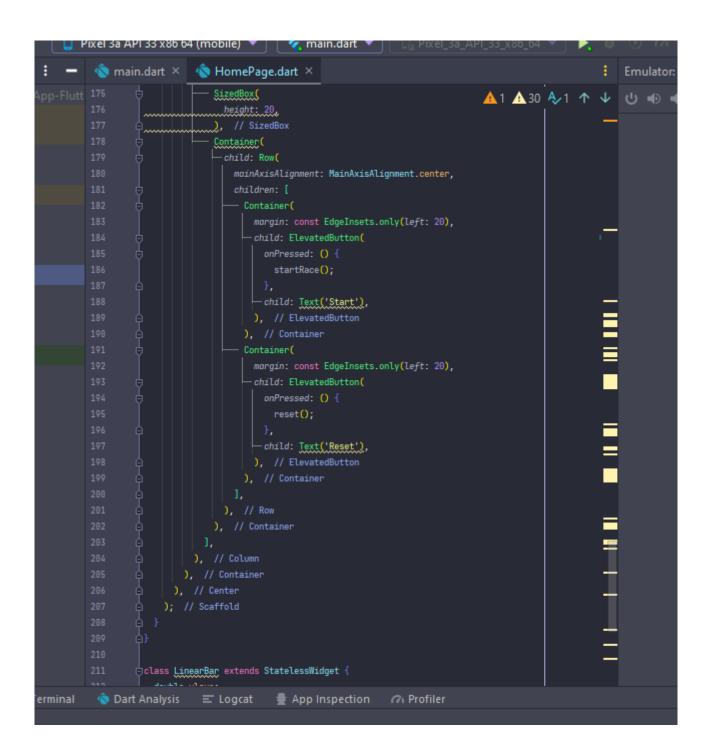
```
🌎 main.dart 🗡 🌘 HomePage.dart 🗡
                                                                      ▲1 ▲30 ♣1 ↑ ↓ ∪
       import 'dart:async';
        import 'dart:math';
        import 'package:flutter/material.dart';
       class HomePage extends StatefulWidget {
         const HomePage({super.key});
         @override
          State<HomePage> createState() => _HomePageState();
      class _HomePageState extends State<HomePage> {
        double player1value = 0.0;
        double player2value = 0.0;
        double increment = 0.04;
        double player1score = 0.0;
        double player2score = 0.0;
        String won = "";
        @override
22 🏓 🖯 Widget build(BuildContext context) {
          void update(double value, double value2) {
            if (player1value > player2value) {
              won = "Player 1 Won";
             won = "Player 2 Won";
```











```
), // ElevatedButton
class LinearBar extends StatelessWidget {
   double vlaue;
   LinearBar({super.key, required this.vlaue});
   @override
Widget build(BuildContext context) {
     return Container(
     -child: LinearProgressIndicator(
         value: vlaue, // a value between 0 and 1
         backgroundColor: Colors.grey,
        valueColor: AlwaysStoppedAnimation<Color>(Colors.blue),
      ), // LinearProgressIndicator
```

