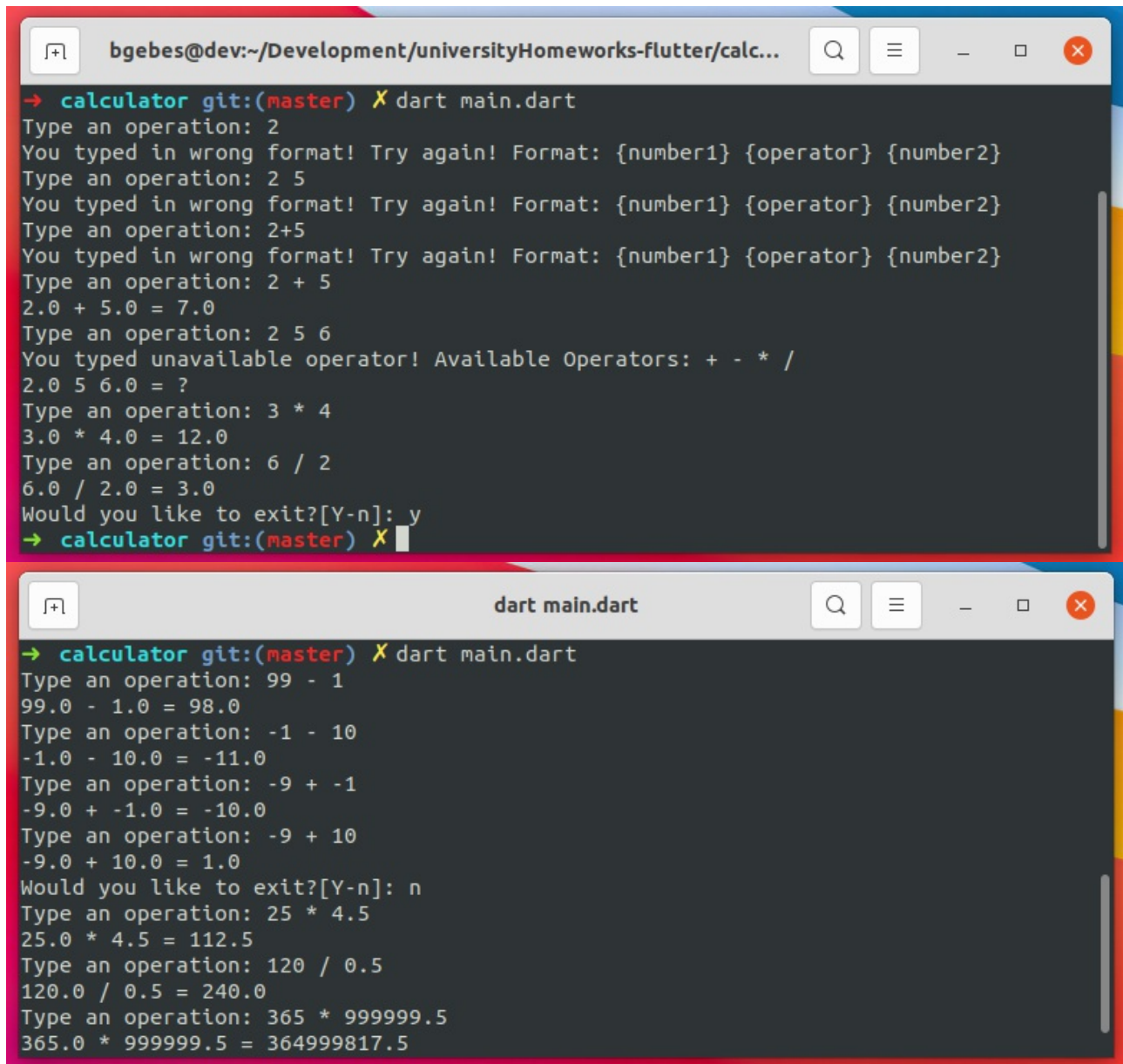


Ondokuz Mayıs Üniversitesi Mobil Programlama Ödevi

Github Link

<https://github.com/bgebes/universityHomeworks-flutter/tree/master/calculator>

Ekran Görselleri



Kodlar

```
// main.dart

import 'dart:io';
```

```

void main() {
    runApp();
}

void runApp() {
    for (int i = 0;; i++) {
        Map<String, dynamic> input = getOperation();
        dynamic result =
            calc(input['number1'], input['operator'], input['number2']);

        print(
            "${input['number1']} ${input['operator']} ${input['number2']} =
$result");

        if (askToExit(i)) break;
    }
}

Map<String, dynamic> getOperation() {
    stdout.write("Type an operation: ");
    List<String>? input = stdin.readLineSync()?.split(' ');

    try {
        return {
            'number1': double.parse(input![0]),
            'operator': input[1],
            'number2': double.parse(input[2]),
        };
    } catch (Exception) {
        print(
            "You typed in wrong format! Try again! Format: {number1} {operator}
{number2}");
        return getOperation();
    }
}

dynamic calc(double number1, String operator, double number2) {
    switch (operator) {
        case '+':
            return number1 + number2;
        case '-':
            return number1 - number2;
        case '*':
            return number1 * number2;
        case '/':
            return number1 / number2;
        default:
            print("You typed unavailable operator! Available Operators: + - * /");
            return '?';
    }
}

```

```
bool askToExit(int i) {  
    if (i == 0 || (i % 3).floor() != 0) return false;  
  
    stdout.write("Would you like to exit?[Y-n]: ");  
    String res = stdin.readLineSync()?.toUpperCase() ?? 'N';  
  
    return res == 'Y';  
}
```