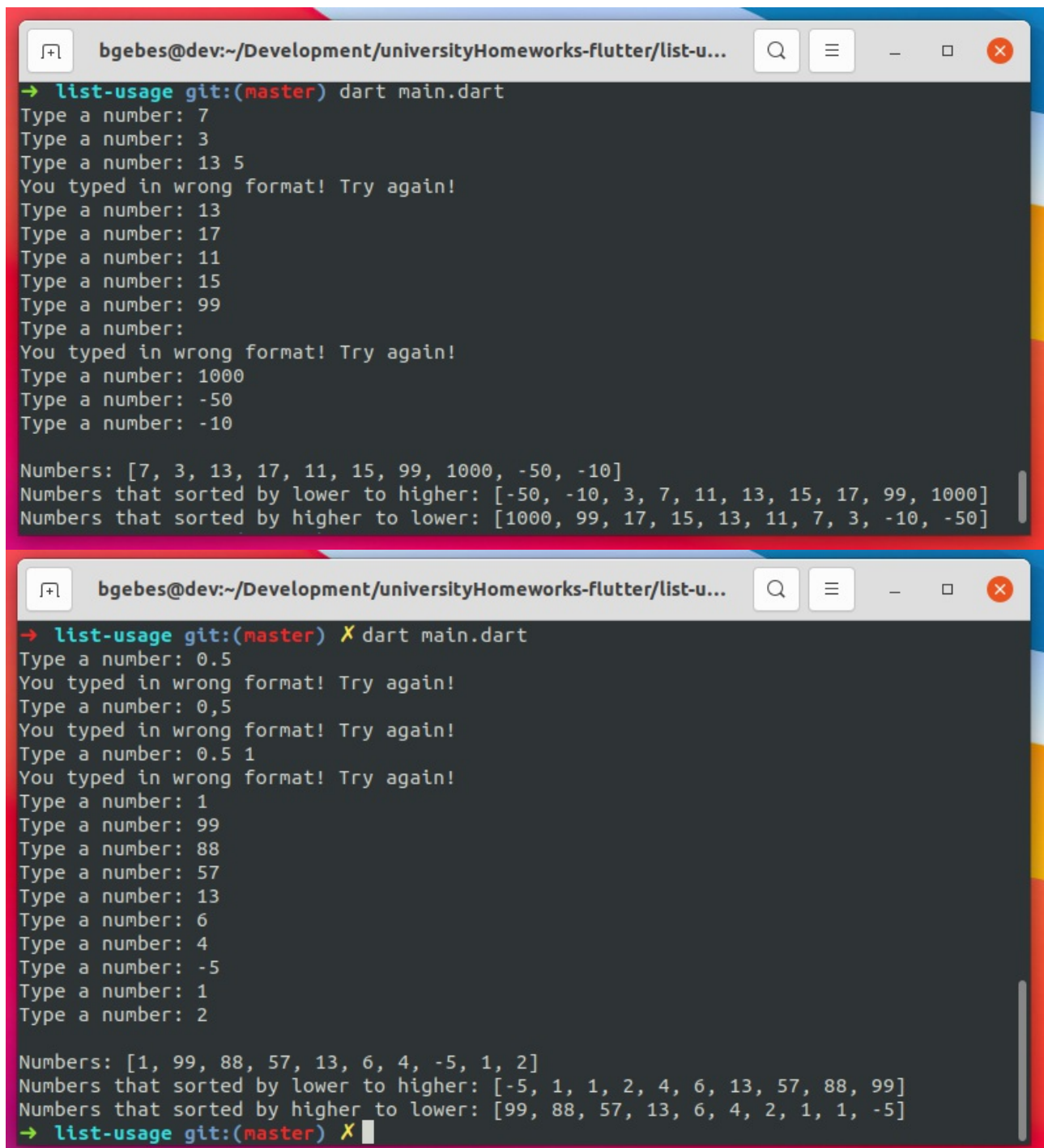


Ondokuz Mayıs Üniversitesi Mobil Programlama Ödevi

Github Link

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

Ekran Görselleri



```
bgebes@dev:~/Development/universityHomeworks-flutter/list-u...
→ list-usage git:(master) dart main.dart
Type a number: 7
Type a number: 3
Type a number: 13 5
You typed in wrong format! Try again!
Type a number: 13
Type a number: 17
Type a number: 11
Type a number: 15
Type a number: 99
Type a number:
You typed in wrong format! Try again!
Type a number: 1000
Type a number: -50
Type a number: -10

Numbers: [7, 3, 13, 17, 11, 15, 99, 1000, -50, -10]
Numbers that sorted by lower to higher: [-50, -10, 3, 7, 11, 13, 15, 17, 99, 1000]
Numbers that sorted by higher to lower: [1000, 99, 17, 15, 13, 11, 7, 3, -10, -50]

bgebes@dev:~/Development/universityHomeworks-flutter/list-u...
→ list-usage git:(master) X dart main.dart
Type a number: 0.5
You typed in wrong format! Try again!
Type a number: 0,5
You typed in wrong format! Try again!
Type a number: 0.5 1
You typed in wrong format! Try again!
Type a number: 1
Type a number: 99
Type a number: 88
Type a number: 57
Type a number: 13
Type a number: 6
Type a number: 4
Type a number: -5
Type a number: 1
Type a number: 2

Numbers: [1, 99, 88, 57, 13, 6, 4, -5, 1, 2]
Numbers that sorted by lower to higher: [-5, 1, 1, 2, 4, 6, 13, 57, 88, 99]
Numbers that sorted by higher to lower: [99, 88, 57, 13, 6, 4, 2, 1, 1, -5]
→ list-usage git:(master) X
```

Kodlar

```
// main.dart

import 'dart:io';

void main() {
  List<int> numbers = getNumbersFromConsoleAsList(10);
  List<int> sortedNumbers_Lower = sortArray(numbers);
  List<int> sortedNumbers_Higher = sortedNumbers_Lower.reversed.toList();

  print("\nNumbers: $numbers");
  print("Numbers that sorted by lower to higher: $sortedNumbers_Lower");
  print("Numbers that sorted by higher to lower: $sortedNumbers_Higher");
}

int getNumberFromConsole() {
  stdout.write("Type a number: ");
  String? temp = stdin.readLineSync();

  if (temp!.contains(' ') ||
      temp.contains('.') ||
      temp.contains(',') ||
      temp.length < 1) {
    print("You typed in wrong format! Try again!");
    return getNumberFromConsole();
  }

  return int.parse(temp);
}

List<int> getNumbersFromConsoleAsList(int length) {
  List<int> temp = [];

  for (int i = 0; i < length; i++) {
    int input = getNumberFromConsole();
    temp.add(input);
  }

  return temp;
}

List<int> sortArray(List<int> array) {
  List<int> temp = [...array];
  temp.sort();

  return temp;
}
```