

# Dart – Join Two Lists

## Dart – Join Two Lists

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You can join two Lists in Dart in many ways. In this tutorial, we will go through two methods to join lists.

The first one is using `List.addAll()`. Pass the list as argument, to `addAll()` method, which you would like to append to this list.

The second way is traversing through the second list and adding the element during iteration to the first list.

### Join Lists in Dart using `List.addAll()`

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In this example, we take two lists `list1` and `list2`. And then use `addAll()` to append `list2` to `list1`.

`List.addAll()` modifies this list. So `list1` gets modified, i.e., elements of `list2` get appended to `list1`.

#### Dart Program

```
void main(){
  List list1 = [24, 'Hello', 84];
  List list2 = [41, 65];

  //join list2 to list1
  list1.addAll(list2);

  print(list1);
}
```

#### Output

```
[24, Hello, 84, 41, 65]
```

### Add Elements of other list one by one to first list

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This is a primitive way of joining two lists. Here, we traverse through each element of `list2` using `forEach` and add these elements to `list1`.

## Dart Program

```
void main(){
  List list1 = [24, 'Hello', 84];
  List list2 = [41, 65];

  //join list2 to list1
  list2.forEach((element) => list1.add(element));

  print(list1);
}
```

## Output

```
[24, Hello, 84, 41, 65]
```

## Conclusion

In this [Dart Tutorial](#), we learned how to append or join a list to another using List.addAll() and List.add() methods.

### Dart Programming

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### Dart String Operations

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## **Dart Exception Handling**

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