***List in Dart***

* A very commonly used collection in programming is an **array**. Dart represents arrays in the form of **List** objects. A **List** is simply an ordered group of objects.
* The **dart:core** library provides the List class that enables creation and manipulation of lists.

|  |  |  |
| --- | --- | --- |
| my\_list 0 | 1 | 2 |
| 10 | 20 | 30 |

* Lists can be classified as −
* Fixed Length List
* Growable List

1. Fixed Length List

**Step 1 − Declaring a list**

**var list\_name = new List (initial\_size);**

**Step 2 − Initializing a list**

**list\_name [index] = value;**

1. Growable List

**Step 1 − Declaring a list**

**var list\_name = [val1, val2, val3];**

**--- creates a list containing the specified values**

**OR**

**var list\_name = new List();**

**--- creates a list of size zero**

**Step 2 − Initializing a list**

**list\_name [index] = value;**

## List Properties

## first

## isEmpty

## isNotEmpty

## length

## last

## reversed

## single

## Inserting Elements into a List

## add()

## addAll()

## insert()

## insertAll()

## Updating a List

## ls[index] = value

## replaceRange()

## Removing List items

## remove()

## removeAt()

## removeLast()

## removeRange()

Thank You