

Session-1 Basic Introduction

Sunday, March 5, 2023 2:06 PM

CODE STUDIO

Topics

1. What is Collection
2. What is Collection Framework
3. Difference between collection and Collection Framework
4. Need of Collection Framework. Difference between Array and collection
5. Different collection types available in Java collection framework

object arr[] = new object[5]; ✓

0	1	105
1	2	5
2	3	String
3	4	
4	5	

1. NOT growable in Nature (Size)
2. NOT Data Structure — No Ready Methods
3. Homogenous

Collection Framework

ArrayList, List, TreeSet, Stack, Hashtable, HashMap, ...

- ① Growable in Nature
- ② Heterogeneous + Homogeneous
- ③ Implemented using Data Structure. Has Ready Made Method & Various Operation

Array [5]

- ① Fixed — Not growable in nature
- ② Homogeneous
- ③ NOT Ready Made Methods



