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Collections
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Collections

- Collection is a group of multiple values of same data type / different types.
- Collections are advanced than arrays.

  Advantages of Collections over Arrays:
  - Collections can store same / different types of elements
  - Collections support to add / remove elements any time.

Collection

value0
value1
value2
value3
value4
value5
value6

Collection
List<DataType> collectionReferenceVariableName = new List<DataType>( );

Types of Collections

- **Generic Collections**
  - All elements should be the same type.
  - Implemented using Generic Classes.
  - Collection is a group of multiple values of same data type / different types.

Generic Collection
List\<int\> a = new List\<int\>( ) { 10, 20, 30 };

- **Non-Generic Collections**
  - All elements can be of different types.
  - Implemented using Non-Generic Classes.

Non-Generic Collection
ArrayList b = new ArrayList ( ) { 10, "hello", true };