

Distinguish, differentiate, compare and explain what is the difference between Array and ArrayList. Comparison and Differences.

## **Difference between Array and ArrayList**

1. An array uses the vector array to store the elements. ArrayList uses the Linked List to store the elements.
2. The size of the Array must be defined until it is used (vb). No need to specify the storage size in ArrayList.
3. An array is a specific data type storage. ArrayList can be stored everything as an object.
4. No need to do the type casting in an array. Every time type casting has to be done in ArrayList.
5. An array will not lead to Run-time exception. ArrayList leads to the run-time error exception.
6. The elements cannot be inserted or deleted in between an array. Elements can be inserted and deleted in ArrayList.
7. There is no built-in members to do ascending or descending in an array. ArrayList has many methods to do the operations like Sort, Insert, Remove, Binary Search, etc.