

* Operations on Data Structure :-

The data stored in various data structure can be processed using various operations.

Operations on data structure :-

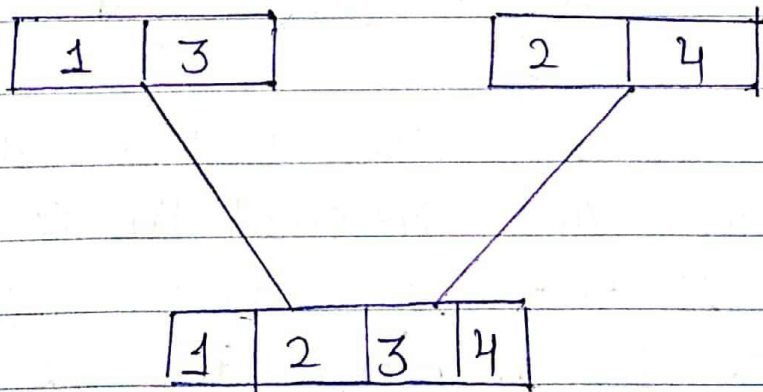
- (i) Traversing :- Accessing each element exactly once, so that it can be processed.
- (ii) Searching :- It means finding the position of a desired element in the data structure is known as searching.
The data item may or may not be present in the list of data items.
- (iii) Insertion :- Adding a new element into the data structure is known as Insertion.
- (iv) Deletion :- Removing an element from the data structure is known as deletion.

(V) Copying:- Creating a duplicate copy of a list is known as copy operation.

(VI) Sorting:- Arranging the elements in ascending / descending order is known as sorting.

(VII) Splitting:- Divide a single list into two or more lists is splitting operation.

(VIII) Merging:- Combining two or more lists into a single list is merging.



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