**Array Methods**

In this notes , mention those methods that are used in array program, and descripe the methods.

1. **reverse or reverse!:-** reverse are used to array reverse and reverse!, are reverse it self array.
2. **rindex : -** rindex are used to find index of any value, in backword directions.
3. **rotate : -** array rotate with based on value positive value for forward and negative value for backward directions.
4. **reject : -** reject are work with options , reject those value they satistify the conditions.
5. **shuffle or shuffle! : -** Its used to array elements shuffle and shuffle! To element shuffle it’s self array.
6. **Shift : -** shift are used to remove element in starting index.
7. **sum :-** sum are used to sum of all element in array.
8. **size and length: -** return the size (length) of array.
9. **uniq :-** pritnt the uniq elements.
10. **union : -** union are used to combine two or more array
11. **compact : -**  compact are used to printed without nil element.
12. **Push and pop :-** push are used to insert value at last and pop are used for remove.
13. **flatten : -** flatten are used to array inside array to convert into single array.
14. **find\_index : -** find\_index are used to find element in array for starting point.
15. **zip :-** zip are used for convert two array into subarray .
16. **fill : -** fill are used to filling the array .
17. **include : -** include are just return true and false, if the value are presented or not .
18. **delete\_at : -**  delete\_at(index) for deleting for indexing .
19. **delete : -** delete(value) for deleting for values.
20. **drop : -** drop are used to drop the those element that are mention in drop(index).
21. **drop\_while : -** drop element with option or condition.
22. **join : -** join are used to joining array element with join(“”) and return format is string.
23. **transpose : -** transposeare just convert 3\*2 matrix into 2\*3 matrix.
24. **each and each\_index : -** both are used to print the array with option.
25. **values\_at : -**  values\_at return element with array format , and values\_at can take multiple index.
26. **take : -** take are return the array with specificed indexing.
27. **take\_while : -** it’s work with options and return array.