





Topic- Array

BEGINNER

Videos:

1.  #26 Python Tutorial for Beginners | Array in Python
2.  Creating One Dimensional Array Using Numpy - In Hindi
3.  Arrays in Python Programming | Largest Element in an Array | #16 ABC Python Tut...
4.  #27 Python Tutorial for Beginners | Array values from User in Python | Search in Ar...

Reading materials/Articles:



1. Peak Element
www.tutorialspoint.com/find-peak-element-in-python
2. Find the minimum and maximum element in an array
www.geeksforgeeks.org/maximum-and-minimum-in-an-array/
3. Write a program to reverse the array
<https://www.javatpoint.com/python-program-to-print-the-elements-of-an-array-in-reverse-order>
4. Write a program to sort the given array
<https://prepinsta.com/python-program/sort-of-array-in-ascending-and-descending-order/>
5. Subarray with given Sum
<https://www.javatpoint.com/subarray-with-given-sum>

Practice Questions:

1. <https://leetcode.com/problems/subarray-sum-equals-k/>
2. <https://practice.geeksforgeeks.org/problems/find-minimum-and-maximum-element-in-an-array4428/1>
3. <https://medium.com/javarevisited/20-array-coding-problems-and-questions-from-programming-interviews-869b475b9121>

INTERMEDIATE

Videos:

1.  384 Shuffle an Array | Medium Level Interview Question Solution in Python
2.  Write a program to cyclically rotate an array by one | Q7 | Love Babbar DSA Sheet
3. <https://www.youtube.com/watch?v=KNHCY89fgKE>

Reading Material/Articles:

1. Write a program to cyclically rotate an array by one
<https://www.tutorialspoint.com/python-program-to-cyclically-rotate-an-array-by-one>
2. Find the missing integer




- <https://thecleverprogrammer.com/2022/07/13/find-missing-number-using-python/>
3. Count Pairs with the given sum
<https://www.techiedelight.com/find-pair-with-given-sum-array/>
4. Sort an Array using the Quicksort algorithm
<https://www.geeksforgeeks.org/python-program-for-quicksort/#:~:text=The%20key%20process%20in%20quickSort,greater%20than%20x>
5. Find duplicates in an array
<https://www.javatpoint.com/python-program-to-print-the-duplicate-elements-of-an-array>

Practice Questions:

1. <https://www.interviewbit.com/array-interview-questions/>
2. <https://www.w3resource.com/python-exercises/array/>
3. <https://www.techiedelight.com/huge-collection-of-array-interview-questions/>

ADVANCED

Videos:

1.  Arrays In Python | Python Array Operations | Python Tutorial For Beginners | Edur...
2.  Advanced Indexing Operation in NumPy Arrays | Python Tutorials
3.  Arrays in Python: Array Advance Game

Reading Material/Articles:

1. Maximum Index
<https://thispointer.com/find-max-value-its-index-in-numpy-array-numpy-amax/>
2. Max sum path in two arrays
<https://www.geeksforgeeks.org/maximum-sum-path-across-two-arrays/>
3. Find Missing And Repeating
<https://www.codesdope.com/blog/article/repeat-and-missing-number-array/>
4. Stock buy and sell Problem
<https://www.javatpoint.com/python-program-to-calculate-the-best-time-to-buy-and-sell-stock>
5. Pair with the given sum in a sorted array
https://www.codingninjas.com/codestudio/problem-details/find-pair-sum-in-rotated-and-sorted-array_985350

Practice Questions:

1. <https://www.geeksforgeeks.org/top-50-array-coding-problems-for-interviews/>
2. <https://javarevisited.blogspot.com/2015/06/top-20-array-interview-questions-and-answers.html>
3. <https://igotanooffer.com/blogs/tech/array-interview-questions#hard>