Swap Alternate

Problem Description: You are given with an array of length N, you have to swap every pair of alternate elements in the array.
For example:N= 6
arr[] = 9 3 6 12 4 32
Output after swapping : 3 9 12 6 32 4

How to approach?
To swap alternate elements in an array, you can run a for loop from the leftmost element till end with an increment of 2 indices each time. To swap adjacent elements that is, elements at ith and (i+1)th index you can use another variable temp to store a value temporarily.
Time complexity for doing this problem is O(n) as you have to traverse this array only once and have to perform a constant time work in each iteration.

Pseudo Code for this problem:

```
Function swapalternate:
  i=0
  While i less than size-1:
                temp = arr[i]
               arr[i] = arr[i + 1]
              arr[i + 1] = temp
              Increment i by 2
```

- Let us dry run the code for N= 6
  arr[] = 9 3 6 12 4 32
  - ➔ i=0
    temp=9
    arr[0]=3
    arr[1]=9
  - ➔ i=2
    temp=6
    arr[2]=12
    arr[3]=6

➔ i=4
temp=4
arr[4]=32
arr[5]=4

So final output:
arr[] = 3 9 12 6 32 4