

Day-32 of the 101days Coding challenge

- ⇒ Swapping the Alternate elements of the array
- ⇒ Like – [1,2,3,4,5,6]
- ⇒ Ans=> [2,1,4,3,6,5]

Code:

```
#include<iostream>

using namespace std;

// swapping alternate Number

int alternateSwap(int *arr, int size){
    for(int i = 0; i<size; i+=2){// here incrementing the ith value by 2
        int temp = arr[i]; // temp var for swapping
        arr[i] = arr[i+1];
        arr[i+1] = temp;
    }

    for(int i = 0; i<size; i++){
        cout<<arr[i]<<endl;
    }
}

int main()
{
    int size;
    cout<<"Enter the Size of the array"<<endl;
    cin>>size;

    int arr[size];

    cout<<"Enter the Elements"<<endl;
    for(int i = 0; i<size; i++){
        cin>>arr[i];
    }

    cout<<"Alternate Swapes Elements"<<endl;
    alternateSwap(arr, size);

    return 0;
}
```

Output:

Enter the Size of the array

6

Enter the Elements

12

13

14

15

16

17

Alternate Swapes Elements

13

12

15

14

17

16