Test 7 || 30 Dec 2024

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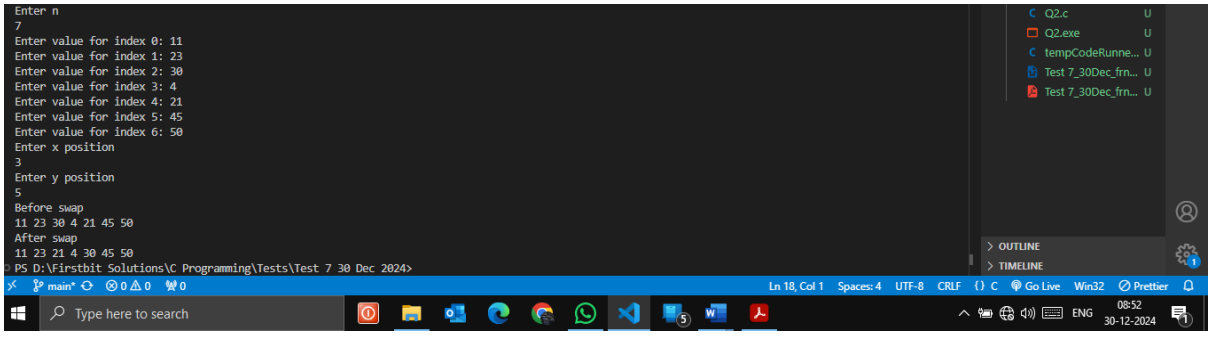
Q1)

```c
#include<stdio.h>

void printArr(int* arr, int n){
    for (int i = 0; i < n; i++)
    {
        printf("%d ", arr[i]);
    }

}

int checkPalindrome(int* arr, int n){
    for (int i = 0; i <= n/2; i++)
        if(arr[i]!= arr[n-i-1]) return 0;
    return 1;
}

int main(){
    int n;
    printf("Enter n\n");
    scanf("%d", &n);

    int arr[n];
    for (int i = 0; i < n; i++)
    {
        printf("Enter value for index %d: ", i);
        scanf("%d", &arr[i]);
    }

    printArr(arr, n);
    checkPalindrome(arr, n) ? printf("\nPalindrome"): printf("\nNot Palindrome");
    return 0;
}
```



Q2)

```c
#include<stdio.h>
```

```c
void printArr(int* arr, int n){
    for (int i = 0; i < n; i++)
    {
        printf("%d ", arr[i]);
    }

}

int checkPalindrome(int* arr, int n){
    for (int i = 0; i <= n/2; i++)
        if(arr[i]!= arr[n-i-1]) return 0;
    return 1;
}

int main(){
    int n;
    printf("Enter n\n");
    scanf("%d", &n);

    int arr[n];
    for (int i = 0; i < n; i++)
    {
        printf("Enter value for index %d: ", i);
        scanf("%d", &arr[i]);
    }

    printArr(arr, n);
    checkPalindrome(arr, n) ? printf("\nPalindrome"): printf("\nNot Palindrome");
    return 0;
}
```