Q1

```
#include<stdio.h>


int swap(int arr[],int i,int j){
        int temp= arr[i];
        arr[i]=arr[j];
        arr[j]=temp;
}


int main(){
   int arr[]={11,23,30,4,21,45,50};
   int i=2,j=4;


   printf("Before swapping :");
   for(int i=0;i<7;i++)
   printf("%d ",arr[i]);


   swap(arr,i,j);


   printf("\nAfter swapping :");
   for(int i=0;i<7;i++)
   printf("%d ",arr[i]);


}
```

```
  Before swapping :11 23 30 4 21 45 50 After swapping :11 23 21 4 30 45 50
● PS C:\Users\AJIT\Desktop\Tests\Test7> cd "c:\Users\AJIT\Desktop\Tests\Test7\" ; if ($?) { gc
  c Q1.c -o Q1 } ; if ($?) { .\Q1 }
  Before swapping :11 23 30 4 21 45 50
  After swapping :11 23 21 4 30 45 50
○ PS C:\Users\AJIT\Desktop\Tests\Test7>
```

Q2

```
#include <stdio.h>


void checkPalindrome(int arr[], int size) {
    for (int i = 0, j = size - 1; i < j; i++, j--) {
        if (arr[i] != arr[j]) {
            printf("Not Palindrome\n");
            return;
        }
    }
    printf("Palindrome\n");
}


int main() {
    int arr[] = {1, 2, 3, 2, 1};
    int size = sizeof(arr) / sizeof(arr[0]);
    checkPalindrome(arr, size);
    return 0;
}
```

```
PS C:\Users\AJIT\Desktop\Tests\Test7> cd "c:\Users\AJIT\Desktop\Tests\Test7\" ; if ($?) { gc
c Q2.c -o Q2 } ; if ($?) { .\Q2 }
Not Palindrome
PS C:\Users\AJIT\Desktop\Tests\Test7> cd "c:\Users\AJIT\Desktop\Tests\Test7\" ; if ($?) { gc
c Q2.c -o Q2 } ; if ($?) { .\Q2 }
Palindrome
PS C:\Users\AJIT\Desktop\Tests\Test7>
```