

Running time of the algorithm

```
#include <stdio.h>

// Function to perform Insertion Sort and count the number of shifts

int runningTime(int arr[], int n) {

    // complete the code

}

int main() {

    int n;

    // Read the number of elements

    printf("Enter the number of elements: ");

    scanf("%d", &n);

    int arr[n];

    printf("Enter the elements: "); // Read the array elements

    for (int i = 0; i < n; i++) {

        scanf("%d", &arr[i]);

    }

    int result = runningTime(arr, n); // Get the number of shifts and print it

    printf("Number of shifts: %d\n", result);

    return 0;

}
```