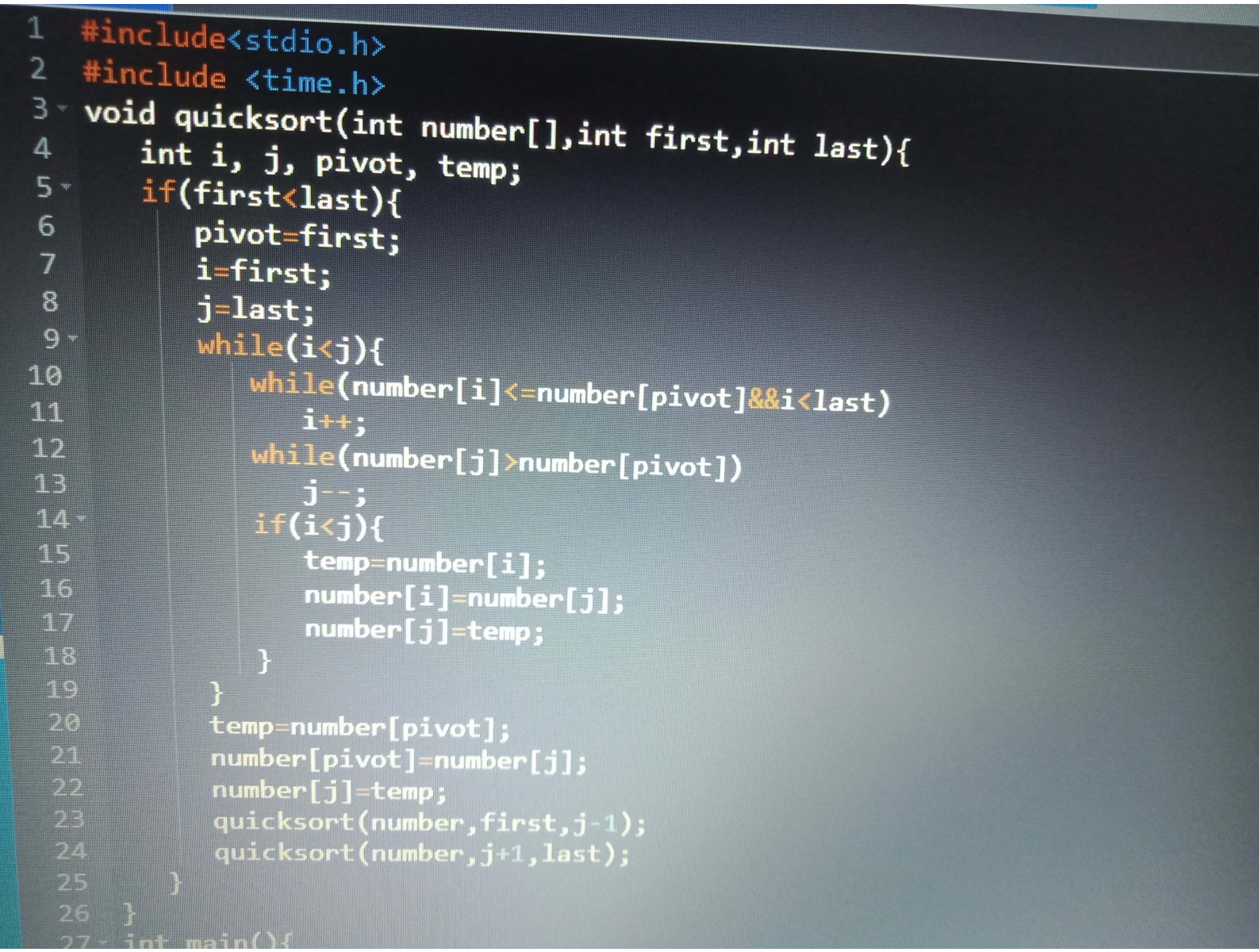
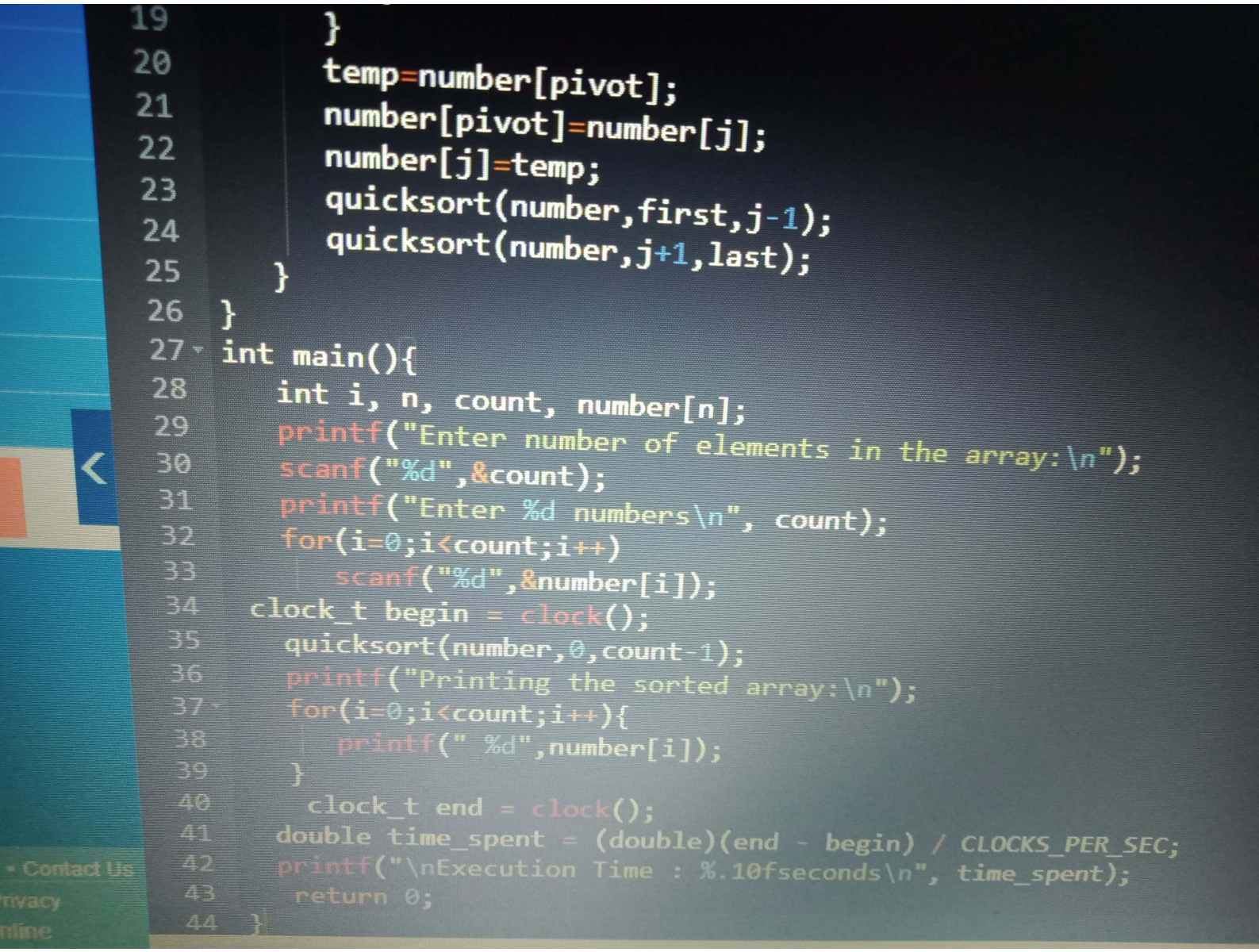


```c
#include<stdio.h>
#include <time.h>
void quicksort(int number[],int first,int last){
   int i, j, pivot, temp;
   if(first<last){
      pivot=first;
      i=first;
      j=last;
      while(i<j){
         while(number[i]<=number[pivot]&&i<last)
            i++;
         while(number[j]>number[pivot])
            j--;
         if(i<j){
            temp=number[i];
            number[i]=number[j];
            number[j]=temp;
         }
      }
      temp=number[pivot];
      number[pivot]=number[j];
      number[j]=temp;
      quicksort(number,first,j-1);
      quicksort(number,j+1,last);
   }
}
int main(){
```



```
        }
        temp=number[pivot];
        number[pivot]=number[j];
        number[j]=temp;
        quicksort(number,first,j-1);
        quicksort(number,j+1,last);
    }
}
int main(){
    int i, n, count, number[n];
    printf("Enter number of elements in the array:\n");
    scanf("%d",&count);
    printf("Enter %d numbers\n", count);
    for(i=0;i<count;i++)
        scanf("%d",&number[i]);
  clock_t begin = clock();
    quicksort(number,0,count-1);
    printf("Printing the sorted array:\n");
    for(i=0;i<count;i++){
        printf(" %d",number[i]);
    }
     clock_t end = clock();
    double time_spent = (double)(end - begin) / CLOCKS_PER_SEC;
    printf("\nExecution Time : %.10fseconds\n", time_spent);
     return 0;
}
```