Write a Python program to store first year percentage of students in array. Write function for sorting array of floating point numbers in ascending order using quick sort and display top five scores.

def pivot\_place(arr,first,last):

    pivot = arr[first]

    left=first+1

    right=last

    while (True):

        while(left <=right and arr[left]<= pivot):

            left=left+1

        while(left<=right and arr[right]>=pivot):

            right = right - 1

        if (right<left):

            break

        else:

            arr[left],arr[right]=arr[right],arr[left]

            print("Right left swap",arr)

    arr[first],arr[right]=arr[right],arr[first]

    print("pivot swap",arr)

    return right

def Quicksort(arr,first,last):

          if (first < last):

              p=pivot\_place(arr,first,last)

              Quicksort(arr,first,p-1)

              Quicksort(arr,p+1,last)

#Driver Code

n = int(input("\nHow many students are there?"))

arr = []

for i in range(0,n):

     item = float(input("\nEnter percentage marks"))

     arr.append(item)

print("You have entered following scores...\n")

print(arr)

print("\n The sorted Scores are...")

Quicksort(arr,0,n-1)

print(arr)

print("Top Five Scores are...")

for i in range (len(arr)-1,len(arr)-6,-1):

    print(arr[i])