```python
n = 0
A = []
#----------------------------------------------------#
def CreateArr(A,n):
    for i in range(n):
        A.append(int(input('Nhap so thu %d: ' % (i+1))))
#----------------------------------------------------#
def ViewArr(A,n):
    for j in range(n):
        print(A[j], end=' ')
    print("\n")
#----------------------------------------------------#
def ViewDownto(A,n):
    for i in range(0,n):
        print(A[n - i - 1],end = " ")
    print("\n")
#----------------------------------------------------#
def SumOfItems(A,n):
    s = 0
    for i in range(n):
        s += int(A[i])
    return s
#----------------------------------------------------#
def DelItem(A,n,k):
    for i in range(k,n - 1):
        A[i] = A[i + 1]
    return n - 1
#----------------------------------------------------#
def InsertItem(A,n,k,x):
    for i in range(k,n):
        j = n - 1 - i + k
        A.append(A[j-1])
        #A.insert(j+1,A[j])
        #A[j + 1] = A[j]
    A.insert(k,x)
    #A[k] = x
    return n + 1
#----------------------------------------------------#
def ReverseArr(A,n):
    i = 0
    j = n - 1
    while i < j :
        A[i],A[j] = A[j],A[i]
        #temp = A[i]
        #A[i] = A[j]
        #A[j] = temp
        i += 1
        j -= 1
#----------------------------------------------------#
def SortArr(A,n):
    for i in range(n - 1):
        for j in range(i + 1, n):
            if A[j] < A[i]:
                A[i],A[j] = A[j],A[i]

#----------------------------------------------------#
def main():
    n = int(input("Nhap n: "))
    CreateArr(A,n)
    ViewArr(A,n)
    n = InsertItem(A,n,2,9)
    ViewArr(A,n)
    ReverseArr(A,n)
    ViewArr(A,n)
    SortArr(A,n)
    ViewArr(A,n)
if __name__=="__main__":
    main()
```