1. Write a Python Program to find sum of array?

Ans-

n=[1,2,3,4,5]

sum1=0

for i in n:

sum1+=i

print(sum1)

1. Write a Python Program to find largest element in an array?

Ans-

n=[1,2,8,10,300,4,5]

large=0

for i in range(0,len(n)):

for j in range(i+1,len(n)):

if n[i]>n[j]:

c=n[i]

b=n[j]

n[i]=c

n[j]=b

else:

c=n[j]

b=n[i]

n[i]=c

n[j]=b

print(f"the largest number in {n} array is :{n[0]}")

1. Write a Python Program for array rotation?

Ans-

n=[1,2,8,10,300,4,5]

k=n[-1::-1]

print(k)

1. Write a Python Program to Split the array and add the first part to the end?

Ans-

n=[1,2,8,10,300,4,5]

newlist=n[len(n)//2:len(n)]+n[0:len(n)//2]

print(newlist)

1. Write a Python Program to check if given array is Monotonic?

Ans-

n=[1,2,8,10,'300',4,5]

typ=type(n[0])

c=True

for i in n:

if type(i)!=typ:

c=False

print("array is not monotonic")

break

else:

continue

if c==True:

print("array is not monotonic")