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

**Ans** :- Array = [5,34,67,54,65,23]

Sum\_of\_Array = 0

for i in Array:

Sum\_of\_Array += i

print (f"Sum\_of\_Array is :- {Sum\_of\_Array}")

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

**Ans: -** max = Array[0]

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

if(Array[i] > max):

max = Array[i]

print(f"Largest element present in given array: {max}" )

1. **Write a Python Program for array rotation?**

**Ans:-** Array = [5,34,67,54,65,23]

n = 2

for i in range(0,n):

temp = Array[0]

for j in range(0,len(Array)-1):

Array[j] = Array[j+1]

Array[len(Array)-1] = temp

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

print(Array[i], end = " ")

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

**Ans : -** Array = [12, 34, 67, 54, 52, 36]

n = len(Array)

position = 2

x = Array[:position]

y = Array[position:]

y.extend(x)

for i in y:

print(i, end=" ")

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

**Ans :-** def isMonotonic(A):

x, y = [], []

x.extend(A)

y.extend(A)

x.sort()

y.sort(reverse=True)

if(x == A or y == A):

return True

return False

A = [15,12,9,5]

print(isMonotonic(A))