**Q1**

def sum\_of\_array(arr):

total = sum(arr)

return total

**Q2**

def find\_largest\_element(arr):

largest = max(arr)

return largest

**Q3**

def rotate\_array(arr, k):

n = len(arr)

k %= n # Handle cases where k is greater than the array length

rotated = arr[-k:] + arr[:-k]

return rotated

**Q4**

def split\_and\_add(arr, split\_index):

if split\_index <= 0 or split\_index >= len(arr):

return arr

first\_part = arr[:split\_index]

second\_part = arr[split\_index:]

rotated\_array = second\_part + first\_part

return rotated\_array

**Q5**

def is\_monotonic(arr):

increasing = decreasing = True

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

if arr[i] > arr[i - 1]:

decreasing = False

if arr[i] < arr[i - 1]:

increasing = False

return increasing or decreasing