**Question:-**

Find Maximum Sum of a continuous subarray of k length from a given array.

**Solution:-**

def max\_subarray\_sum(arr, k):

if k <= 0 or k > len(arr):

return None # Invalid input

max\_sum = float('-inf') # Initialize max\_sum to negative infinity

current\_sum = sum(arr[:k]) # Calculate the sum of the first 'k' elements

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

current\_sum += arr[i] - arr[i - k]

max\_sum = max(max\_sum, current\_sum)

return max\_sum

# Example usage:

arr = [2, 1, 5, 1, 3, 2]

k = 3

result = max\_subarray\_sum(arr, k)

print("Maximum sum of subarray of length", k, "is:", result)