Input : [3,2,5,1,8,9,6]

output : [8,6,2,9,5,3,1]

Code :

def sort\_even\_odd\_desc(arr):

# Separate even and odd numbers

evens = [x for x in arr if x % 2 == 0]

odds = [x for x in arr if x % 2 != 0]

# Sort both lists in descending order

evens.sort(reverse=True)

odds.sort(reverse=True)

# Combine the sorted lists

return evens + odds

# Task

input\_array = [3, 2, 5, 1, 8, 9, 6]

output\_array = sort\_even\_odd\_desc(input\_array)

print(output\_array)

Output :

