**Problem​ ​Statement**

Write a function to find moving average in an array over a window:

Test it over [3, 5, 7, 2, 8, 10, 11, 65, 72, 81, 99, 100, 150] and window of 3.

**Code**

ma\_list = [3, 5, 7, 2, 8, 10, 11, 65, 72, 81, 99, 100, 150]

n=len(ma\_list)

k=int(input("enter the value of k for average sequence"))

count = int((n-k)+1)

output=[]

for i in ma\_list:

mpo = ma\_list.index(i)

if mpo < count:

s=0

for j in ma\_list[mpo:mpo+k]:

s=s+int(j)

output.append(s/k)

print(output)

**Screenshot**

