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# -*- coding: utf-8 -*-
"""
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"""

# get lgwts routine and numpy
import numpy as np;
import numpy.linalg as la;
import matplotlib.pyplot as plt
from numpy import polynomial

from scipy import integrate
from scipy import special

x1,w = polynomial.laguerre.laggauss(100)

t = 10
f = lambda x: x**(t-1)

I = np.sum(f(x1)*w)
print(I)

```