



Computer assignment in Math-254

Sem2-1439-1440H

Write a computer program to approximate $f(20.254)$ using Lagrange interpolation polynomial based on the points: $x_i = i, 0 \leq i \leq 49$ where $f(x) = e^{x^2}$.

Notes:

- a- The program is submitted with result by e-mail
- b- The program is done by any programming language you know.
- c- The assignment is due on **Tuesday 4/8/1440H** (before 1.00 p.m.)

With my best wishes,
Fawaz S. Alotaibi