

Lab 7

1. Write a C++ program which calculates a Riemann sum that estimates $\int_0^3 x^2 dx$.
2. Let $p(x) = x^5 - 6x^4 + 8x^3 + 8x^2 + 4x - 40$. Write a C++ program which uses Horner's method to determine $p(3)$.