

Lab 8

1. Let $p(x) = x^5 - 6x^4 + 8x^3 + 8x^2 + 4x - 40$. Write a C++ program which uses Horner's method to determine $p(3)$.
2. Let $p(x) = \frac{1}{10}x^{10} + \frac{1}{9}x^9 + \frac{1}{8}x^8 + \cdots + \frac{1}{2}x^2 + x$. Write a C++ program which uses Horner's method to determine $p(0.1)$