NUMERICAL ANALYSIS
PROGRAM SET C
(MIDTERM PROBLEM)

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ABSTRACT. You may use all or part of the ideas or code from the program `PolyLink` on the web page `http://saumag.edu/pbailey`. Send the software in `.CPP` files, and the output in `.TXT` files, to `plbailey@saumag.edu`, as an email attachment.

To capture output from a console application while in the VS 6.0 ADE, go to Project/Settings/Debug/Program Arguments, and enter "`> filename.TXT`". Due March 23, 2004, 11:59 pm.

Program 1. In the polynomial class (`Poly`), override the operators for division and modulo to work on polynomials.

```
Poly Poly::operator/(Poly& a)
Poly Poly::operator%(Poly& a)
Poly Poly::divide(Poly& a,Poly& q,Poly& r)
```

The overridden operators each call the one function (`Poly::divide`) which performs the actual division to find the quotient and remainder.

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