Name(s)	Project Number
Kanishka Reddy	
	22691

Project Title

Balancing Chemical Equations

Abstract

Objectives/Goals

Can an Algorith be created to efficiently balance a chemical equation? My objective is to create an algorith capable of accepting input, in the form of a chemical equation, from the user and be able to balance the equation.

Methods/Materials

1 IBM compatible computer
1 Borland Turbo C++ Compiler
1 Windows XP Operating System

Results

After completing the test chemical equations I found that my algorithm, using a matrix, successfully balanced chemical equations.

Conclusions/Discussion

My conlusion is that I was able to create an algorithm, incorating a matrix, that is able to balance chemical equations.

Summary Statement

My project is a program that balances chemical equations.

Help Received

Professor Rick Yunke for help with coding the program; Dr. Satish Reddy for providing equations to test my program.