**Sinai University**

**Faculty of Information Technology**

**Programming (1) sheet #3**

1. Write a program that reads an integer and checks whether it is positive or negative.
2. Write a program two read two integers (x and y) then compute the maximum.
3. Write a program two read three integers (x, y and z) then compute the maximum.
4. You can use Cramer’s rule to solve the following system of linear equations:



Write a program that prompts the user to enter a, b, c, d, e, and f and displays the solution (i.e. values of x and y), if , otherwise displays the message “The equation has no solution”.

1. Write a program that reads an integer and checks whether it is even or odd.
2. Write a program to read three integers and check whether they are sides of right angle triangle (مثلث قائم)
3. Write a program to solve the equation using the general law . The program prompts the user to enter a, b and c then the program checks اكمل
4. القواسم
5. التقدير