Gauss Elimination method

1.

Enter the number of unknowns i.e. size of coefficient matrix (n) : 4

Enter the elements a[i][j] of the augmented matrix [A:C] : a[1][1]: 5

a[1][2]: 1

a[1][3]: 1

a[1][4]: 1

a[1][5]: 4

a[2][1]: 1

a[2][2]: 7

a[2][3]: 1

a[2][4]: 4

a[2][5]: 6

a[3][1]: 3

a[3][2]: 1

a[3][3]: 6

a[3][4]: 1

a[3][5]: -5

a[4][1]: 1

a[4][2]: 1

a[4][3]: 1

a[4][4]: 1

a[4][5]: 0

The system has unique solution and the system is consistentThe required solution is as follows :

x[1] = 0.800000

x[2] = 0.764706

x[3] = -1.439561

x[4] = -1.200000

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Process exited with return value 0

Press any key to continue . . .

2.