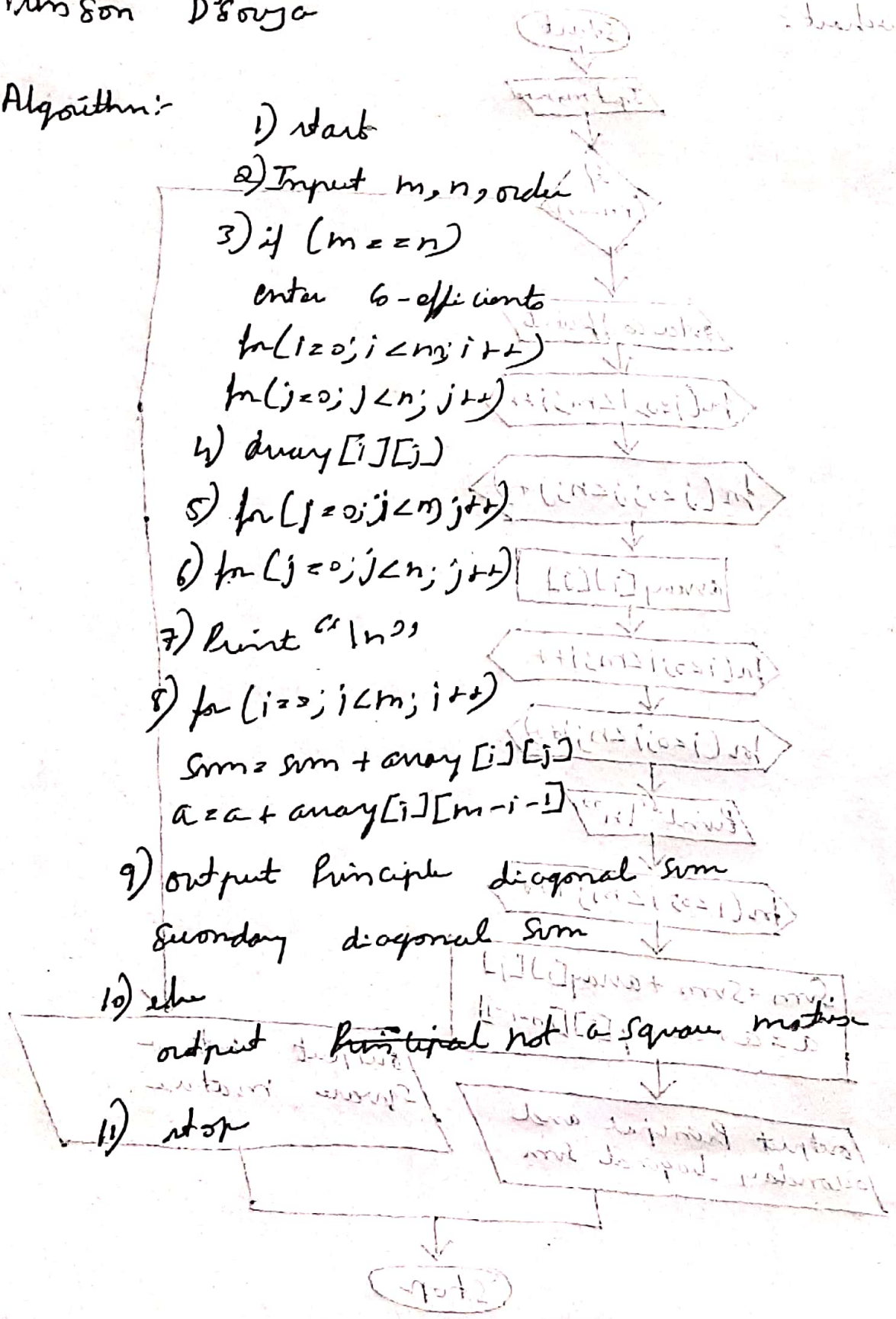
Prinson D'Souza

Algorithm:-

1) start
2) Input m, n, order
3) if (m == n)
   enter 6-efficients
   for(i=0; i<m; i++)
   for(j=0; j<n; j++)
4) array[i][j]
5) for(j=0; j<m; j++)
6) for(j=0; j<n; j++)
7) Print "\n"
8) for(i=0; i<m; i++)
   Sum = sum + array[i][j]
   a = a + array[i][m-i-1]
9) output Principle diagonal sum
   Secondary diagonal sum
10) else
    output ~~Principal~~ not a square matrix
11) stop



flowchart :