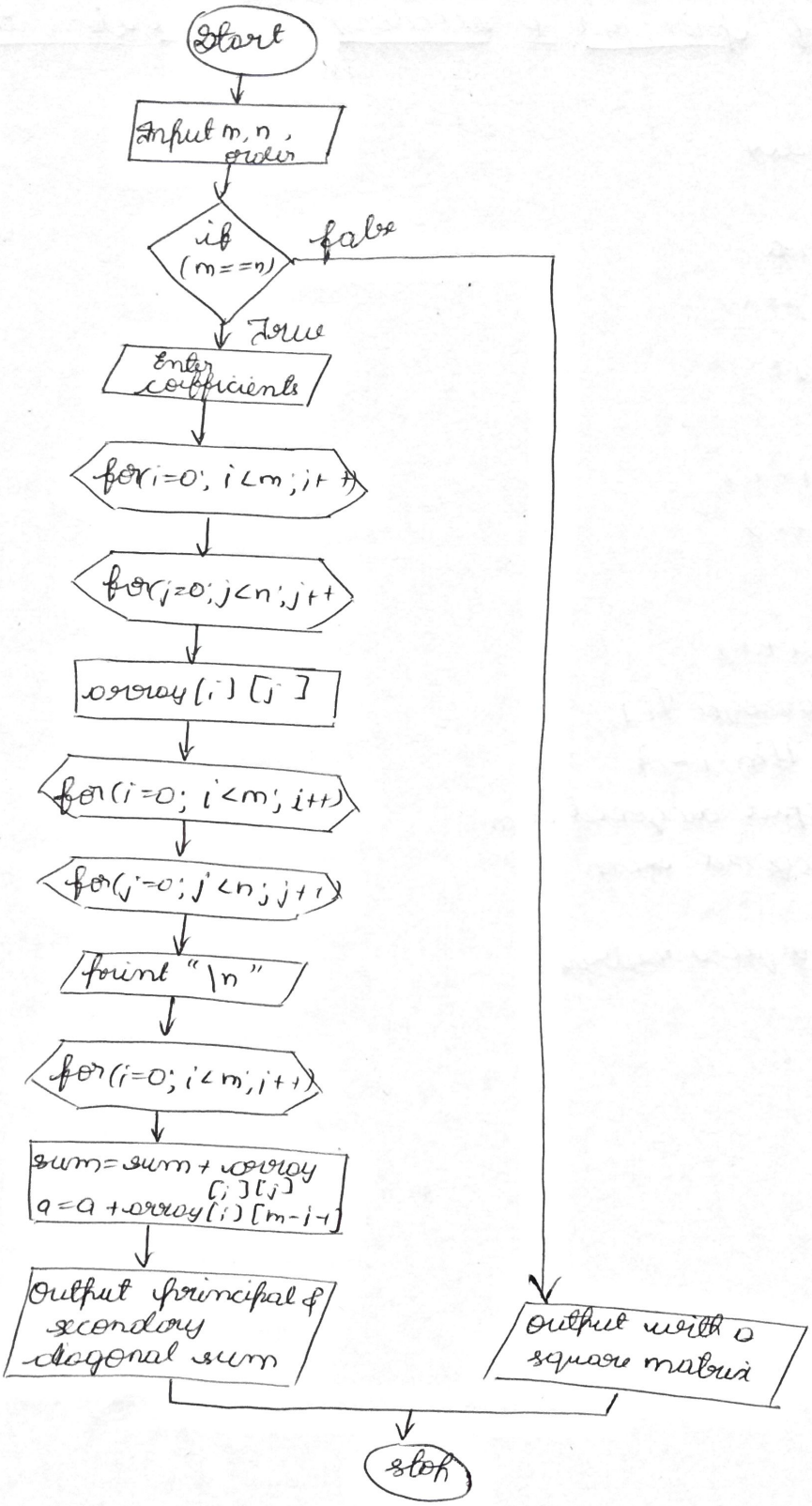
Vaishnavi. P.S
4AL19IS061
F section

To find sum of principal & secondary diagonal elements

1. Start
2. Input m, n, order
3. if (m==n)
   enter coefficients
   for (i=0; i<m; i++)
   for (j=0; j<n; j++)
4. array[i][j]
5. for(i=0; j<m; i++)
6. for (j=0; j<n; j++)
7. print "\n"
8. for(i=0; i<m; i++)
   sum = sum + array[i][i]
   a = a + array[i][m-i-1]
9. Output principal diagonal sum
   Secondary diagonal sum
10. else
    output not a square matrix
11. Stop.


Start
Input m, n, array
if (m==n)
false
True
Enter coefficients
for(i=0; i<m; i++)
for(j=0; j<n; j++)
array[i][j]
for(i=0; i<m; i++)
for(j=0; j<n; j++)
printf("\n")
for(i=0; i<m; i++)
sum=sum+array[i][j]
a=a+array[i][m-i-1]
Output principal & secondary diagonal sum
Output with 0 square matrix
stop