Ex.No: 8e	
Date :	**SOLVING A SET OF EQUATIONS**

AIM:

To write a python program for solving a set of equations.

ALGORITHM:

1. Start the program.
2. Import scipy and numpy packages.
3. Points are defined in an array.
4. Points are solved by using linalg.solve().
5. Diplays the solved values.
6. Stop the program.

Program:

```
from scipy import linalg

import numpy
X=numpy.array([[4,3],[3,4]])
Y=numpy.array([[12],[18]])
print(linalg.solve(X,Y))
X.dot(linalg.solve(X,Y))-Y
```

OUTPUT:

[[-0.85714286]

 [5.14285714]]

RESULT:

Thus the python program for solving a set of equations is executed.