

```

>> A = [7 4 1;8 5 2;3 6 9]

A =

     7     4     1
     8     5     2
     3     6     9

>> B = [6 5 4;2 5 8; 9 6 3]

B =

     6     5     4
     2     5     8
     9     6     3

>> M = A + B

M =

    13     9     5
    10    10    10
    12    12    12

>> N = A - B

N =

     1    -1    -3
     6     0    -6
    -6     0     6

```

```

>> O = A * B

O =

    59    61    63
    76    77    78
   111    99    87

>> P = inv(O)
Warning: Matrix is close to singular or badly scaled.
>>

P =

   1.0e+14 *
   -0.7037    0.6397   -0.0640
    1.4074   -1.2794    0.1279
   -0.7037    0.6397   -0.0640

```

Fig : Matrix addition, subtraction & inverse of a matrix