**AIM :-** To perform multiplication, division, inverse

clc;

clear all;

% product, division, inverse

x = [53,345,565;345,565,656;55,55,32];

y = [45,656,34;45,67,67;3434,565,23];

product = x\*y

division = x/y

inverse = inv(x)

deter = det(x)

z = transpose(x)

**OUTPUT :-**

product =

1958120 377108 37912

2293654 634815 64673

114838 57845 6291

division =

-0.2720 8.6031 -0.0937

-0.1226 9.8626 -0.0272

0.0286 0.4598 0.0096

inverse =

-0.0212 0.0236 -0.1095

0.0295 -0.0346 0.1888

-0.0143 0.0189 -0.1050

deter =

8.4830e+005

z =

53 345 55

345 565 55

565 656 32