*//EXPERIMENT NO. 5*

*//OBJECTIVE;To create a matrix A so that following operations are defined and find:*

*//(i) Determinant of a ; (ii) Inverse of a ; (iii) Product of a and inverse of a.*

*//EXERCISE 2.*

*//SOURCE CODE.*

*//YUVRAJ TOMAR.*

*//21SCSE1011128.*

clc

a=[1 5 7 9 ; 5 7 3 6];

b=(det(a))

disp("b=",b)

c=pinv(a)

disp("c=",c)

d=a\*a'

disp("d=",d)

OUTPUT

"b="

3. 6. 8.

"c="

-0.0854093 0.1245552

-0.0393332 0.0968346

0.0914029 -0.0631204

0.0713617 -0.0185428

"d="

156. 115.

115. 119.