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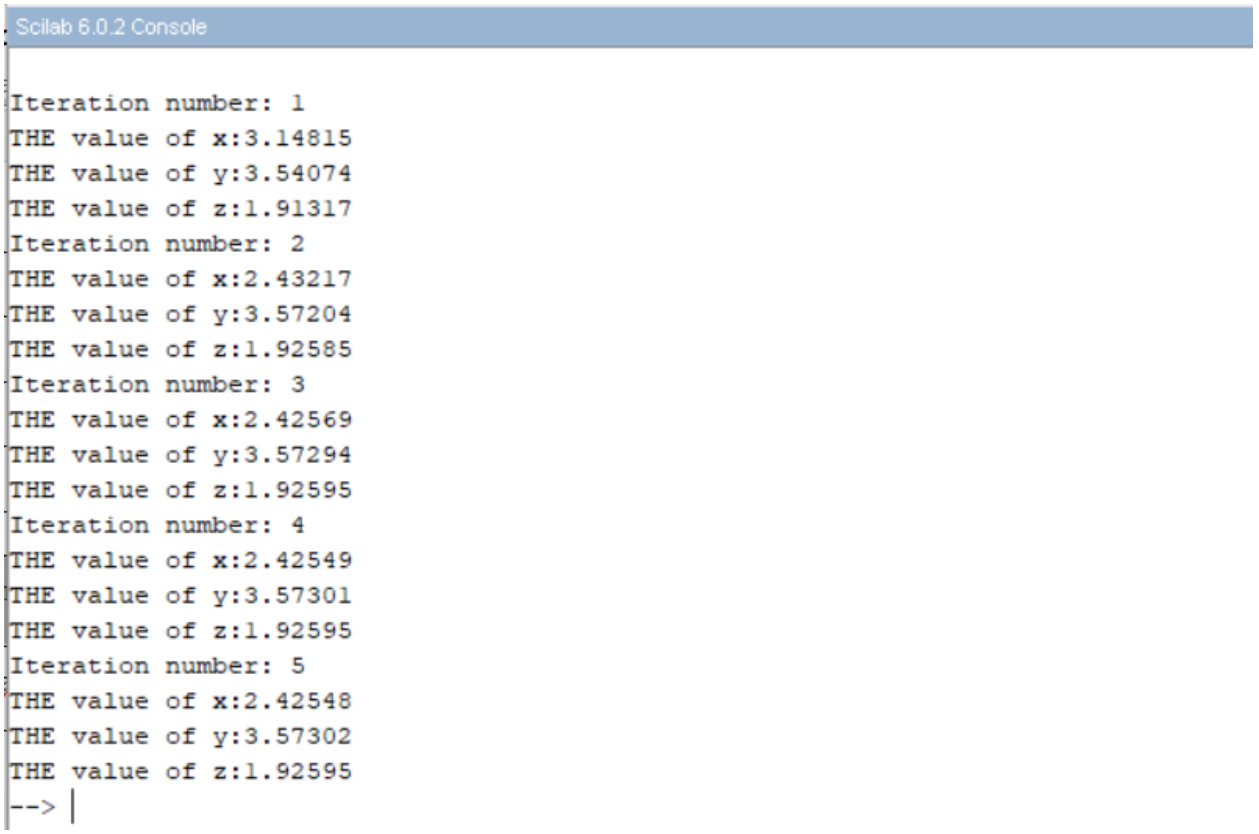
Experiment 8	
AIM :	Implementation of Gauss Scidel in Scilab.

Code	clc
	A=[27 6 -1;6 15 2;1 1 54];
	B=[85;72;110];
	n=5;
	x=0;
	y=0;
	z=0;
	for i=1:n
	  printf("\nIteration number: %g",i);
	  x=(B(1)-(A(1,2)*y)-(A(1,3)*z))/A(1,1);
	  y=(B(2)-(A(2,1)*x)-(A(2,3)*z))/A(2,2);
	  z=(B(3)-(A(3,1)*x)-(A(3,2)*y))/A(3,3);
	  printf("\nTHE value of x:%g",x);
	  printf("\nTHE value of y:%g",y);
	  printf("\nTHE value of z:%g",z);
	end

Output	
CONCLUSION:	Hence, by completing this experiment I came to know about Implementation of Gauss Scidel in Scilab.