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| **Experiment 6** | |
| **AIM :** | Implementation of Gauss Jordan in Scilab. |
| **Code** | A = [1 3 2;2 7 7; 2 5 2]  disp(A);  B = [2;-1;7]  disp(B);  C = [A,B]  disp(C);  n = 3;  for i=1:n  C(i,:) = C(i,:)/C(i,i);  disp(C)  for j=1:n-1  if i+j<n+1  C(i+j,:)= C(i+j,:)-C(i+j,i)\*C(i,:)  end  end  disp(C)  end  for i=n:-1:2  for j=1:i-1  C(j,:)=C(j,:)-C(j,i)\*C(i,:);  end  end  disp("X=");  disp(C(1,4));  disp("Y=");  disp(C(2,4));  disp("Z=");  disp(C(3,4)); |
| **Output** |  |
| **CONCLUSION:** | Hence, by completing this experiment I came to know about Implementation of Gauss Jordan in Scilab. |