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Experiment 5
                    Implementation of Gauss Elimination in Scilab.
AIM:
                    A = [1 \ 1 \ 1; 1 \ 2 \ 3; 1 \ 3 \ 2]
Code
                    disp(A);
                    B = [3;0;3]
                    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
                    z=C(3,4);
                    y=C(2,4)-C(2,3)*z;
                    x=C(1,4)-C(1,3)*z-C(1,2)*y;
                    printf("X=");
                    disp(x);
                    printf("Y=");
                    disp(y);
                    printf("Z=");
                    disp(z);
```

## Output Scilab 6.0.2 Console 3. 3. 3. 1. 3. 2. 3. 3. 1. 1. 1. 1. 2. 3. 1. 3. 1. 2. -3. 1. 1. 0. 1. 3. 1. 1. 2. -3. 2. 1. 0. 1. 3. 1. 2. -3. -3. 6. 3. 1. 1. 2. -3. 1. -2. 1. 1. 3. 0. 1. 2. -3. -2. CONCLUSION: Hence, by completing this experiment I came to know about Implementation of Gauss

Elimination in Scilab.