
Experiment No:- 09

% Name: Prajwal Dhopre

% Roll no: 53

% Batch: A3

% Aim:- To generate Pseudo Noise (PN sequence).

% Objective: Generate PN Sequence for initial stage equal to 100

```
clc;
x1=1;
x2=0;
x3=0;
n=7;
for i=1:n
    x0=x1;
    x1=xor(x1,x3);
    x3=x2;
    x2=x0;
    disp(i)
    X=[x1 x2 x3];
    disp(X)
end
```

1

1 1 0

2

1 1 1

3

0 1 1

4

1 0 1

5

0 1 0

6

0 0 1

7

1 0 0