

```

0001 clc
0002 disp ("Ahinav Chaudhary")
0003 disp("EEE 4th Sem")
0004
0005 N= input("Enter value of n: ");
0006 L= input ("Enter value of l: ");
0007
0008 X= [0,1,2,3,4];
0009 for idx=1:5
0010     frequency(idx)= input("Enter Frequency: ");
0011 end
0012 disp("Expected Frequencies are:");
0013 N=200;
0014 for idx=1:5
0015     Ans (idx)=(exp(-1)* (1**X(idx))) / factorial (X(idx));
0016     Ans (idx)= N*Ans (idx);
0017 end
0018 disp(Ans)
0019
0020 Sef=sum (Ans);
0021 disp("Sum of expected frequencies are: ");
0022 disp(Sef);
0023
0024 Sof=sum (frequency)
0025 disp ("Sum of observed frequencies are: ");
0026 disp (Sof);

```