**AIM:-** To verify central limit theorem

clc;

clear;

n=100000;

%CENTRAL LIMIT THEOREM

a=rand(1,n);

b=rand(1,n);

c=rand(1,n);

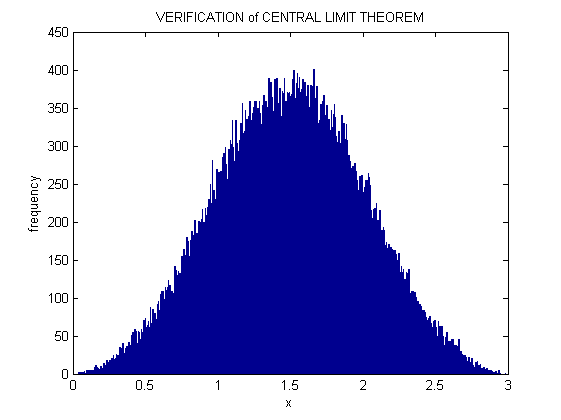
hist(a+b+c,600);

xlabel('x');

ylabel('frequency');

title('VERIFICATION of CENTRAL LIMIT THEOREM');

**OUTPUT :-**

****