Title: Simulation study of random processes. Find various statistical parameters of the random process.

Program:

```
clc;
clear all;
close all;
load count.dat;
for i = 1:3
    bin_counts(i,:)= hist(count(:,i));
    mu(i)= mean(count(:,i));
    sigma(i)= std(count(:,i));
    hist(count(:,i));
    figure;
end
MeanTotal= mean(mean(count));

disp('Mean for individual column of "Count" Dataset=');
mu

disp('Standard Deviation Mean for individual column of "Count"
Dataset=');
sigma

disp('Overall Mean=');
MeanTotal
```

Output:

```
Mean for individual column of "Count" Dataset=

mu =

   32.0000   46.5417   65.5833

Standard Deviation Mean for individual column of "Count"
Dataset=

sigma =

   25.3703   41.4057   68.0281

Overall Mean=

MeanTotal =

   48.0417
```