# Problem 01

## Code

clc

clear all

format short

data=[28.65 26.55 26.65 27.65 27.35 28.35 26.95 28.65 29.65 27.85 27.05 28.25 28.85 26.75 27.65 28.45 28.65 28.45 31.65 26.35 27.75 29.25 27.65 28.65 27.65 28.45 27.65 27.15];

mean\_=mean(data)

median\_=median(data)

mode\_=mode(data)

range\_=range(data)

std\_=std(data)

var\_=var(data)

% CV=std/mean

CV=getCV(data)

range=26:.5:32;

hist\_=[];

for i=1:length(range)-1

hist\_= [hist\_ length(data(data>=range(i)& data<=range(i+1)))];

hold on

end

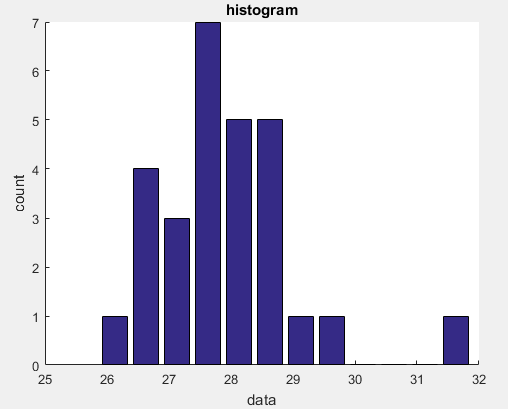
bar([26+.125:.5:32-.125],hist\_)

xlabel('data')

ylabel('count')

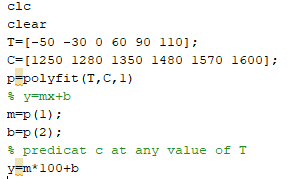
title('histogram')

## Output



# Problem 02

## Code



## Output

