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Matlab homework 1

numTrials=100000;

trials=1:numTrials;

heads=0;

t=rand(numTrials,1);

percentOfH=zeros(size(t));

for i= trials

if (t(i)< .05)

heads=heads+1;

end

percentOfH(i)= heads/i;

end

plot(trials, percentOfH)

xlabel('Number of Trials')

ylabel('Number of Times Heads Was Tossed')

title ('Trial Number vs Tossed Heads')

