
```
clc;clear;close all; % startup things
```

```
number_of_trials = 100000; % set the number of trials  
total = 0; % creates the total var
```

```
for i = 1:number_of_trials % runs a loop the number of trials long  
    total = total + experementtwo(); % adds up all of the experements  
end
```

```
value = total/number_of_trials; % takes the average of the trials  
% the value is 4.008900000000000
```

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