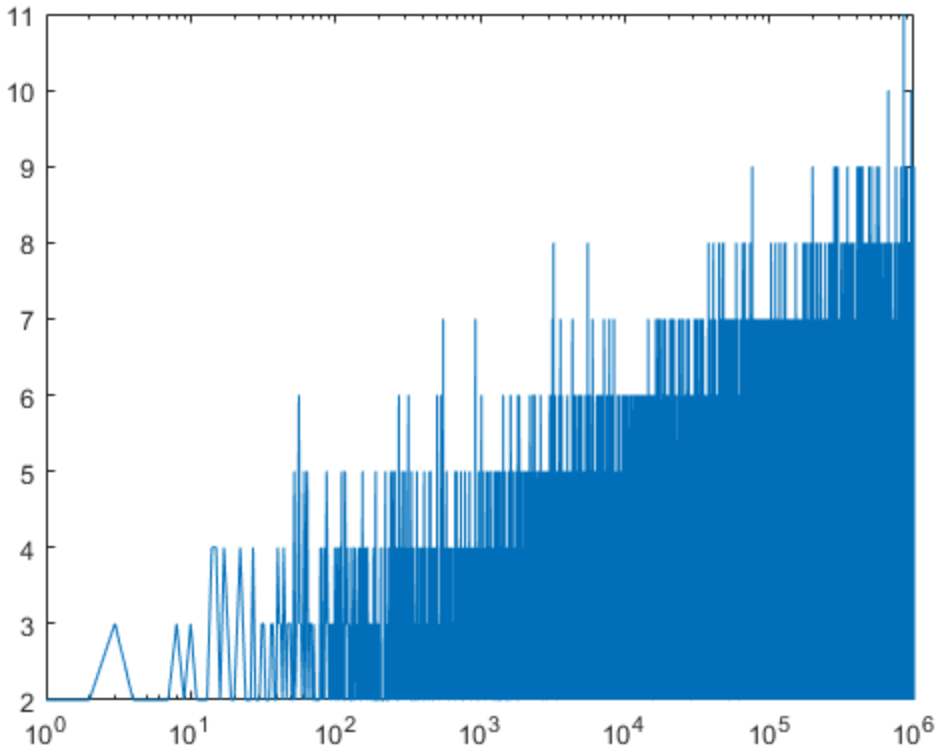
```
clear;clc;

for index = 1:1000000
    x = 0;
    count = 0;
    while x < 1
        x = rand + x;
        count = count +1;
    end

    storage(index) = count;

    y(index) = mean(storage);


end
mean(storage)
semilogx(storage)
```

*ans* =

    *2.7181*



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