Project 2: Add Lottery Scheduler to xv6


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```


Make a graph to show your project behaves appropriately

Beyond the usual code, you will have to make a graph for this assignment. The graph should show the number of time slices a set of three processes receives over time, where the processes have a 3:2:1 ratio of tickets (e.g., process A might have 30 tickets, process B 20, and process C 10).

Report

Screenshot of graph.c output

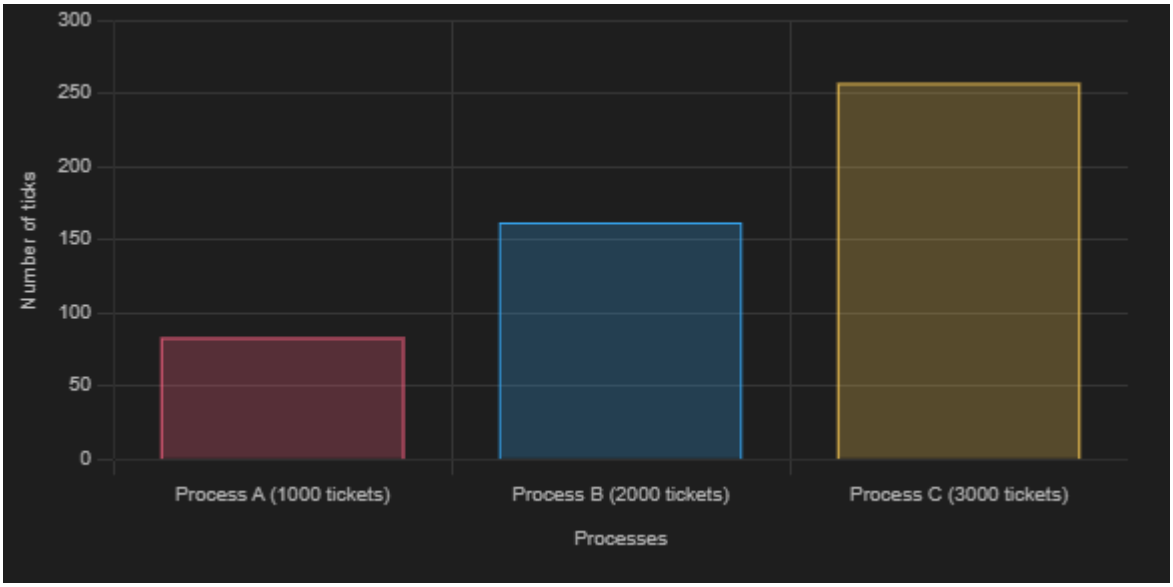
```
cpu0: starting
init: starting sh
$ graph

**** PInfo ****
pid: 1 tickets: 1 ticks: 18
pid: 2 tickets: 1 ticks: 20
pid: 3 tickets: 1000 ticks: 82
pid: 4 tickets: 1000 ticks: 83
pid: 5 tickets: 2000 ticks: 162
pid: 6 tickets: 3000 ticks: 257
$
```

Data table

Process	Tickets	Ticks
Process A	1000	83
Process B	2000	162
Process C	3000	257

Graph



Ratio

$$83 : 162 : 257$$

$$1 : 1.952 : 3.096$$

This ratio is approximately equal to

$$1 : 2 : 3$$