delay_and_response_times_90_utilization

December 17, 2017

In [43]:
```
import matplotlib.pyplot as plt
import pandas as pd
```

In [44]:
```
df_FCFS = pd.read_csv('response_timesFCFS.csv', header=0)
df_LCFS = pd.read_csv('response_timesLCFS.csv', header=0)
df_SJF = pd.read_csv('response_timesSJF.csv', header=0)
df_RO = pd.read_csv('response_timesRO.csv', header=0)
```

In [45]:
```
df_FCFS.describe()
```

Out[45]:

	response_times
count	18028.000000
mean	8.432565
std	11.700647
min	1.000340
25%	2.187710
50%	3.978165
75%	9.475670
max	188.188000

In [47]:
```
df_LCFS.describe()
```

Out[47]:

	response_times
count	18028.000000
mean	8.486614
std	27.645675
min	1.000340
25%	1.824103
50%	2.404340
75%	4.224795
max	502.701000

In [48]:
```
df_SJF.describe()
```

Out[48]:

	response_times
count	18028.000000
mean	7.212763
std	19.853651
min	1.000340
25%	1.878655
50%	2.641390
75%	4.696912
max	452.021000

In [49]:
```
df_RO.describe()
```

Out[49]:
```
       response_times
count    18028.000000
mean         8.432565
std         11.700647
min          1.000340
25%          2.187710
50%          3.978165
75%          9.475670
max        188.188000
```

In [51]:
```
df2_FCFS = pd.read_csv('delaysFCFS.csv', header=0)
df2_LCFS = pd.read_csv('delaysLCFS.csv', header=0)
df2_SJF = pd.read_csv('delaysSJF.csv', header=0)
df2_RO = pd.read_csv('delaysRO.csv', header=0)
```

In [52]:
```
df2_FCFS.describe()
```

Out[52]:
```
             delays
count  18028.000000
mean       6.948553
std        6.820465
min        0.000000
25%        1.720255
50%        4.883605
75%       10.170300
max       38.493400
```

In [53]:
```
df2_LCFS.describe()
```

Out[53]:
```
             delays
count  18028.000000
mean       6.982982
std       27.646145
min        0.000000
25%        0.276493
50%        0.858038
75%        2.699255
max      500.848000
```

In [54]:
```
df2_SJF.describe()
```

Out[54]:
```
             delays
count  18028.000000
mean       5.709132
std       19.757596
min        0.000000
25%        0.480175
50%        1.230860
75%        3.058225
max      450.024000
```

In [55]:
```
df2_RO.describe()
```

Out[55]:
```
             delays
count  18028.000000
mean       6.928934
```

```
std       11.694819
min        0.000000
25%        0.670183
50%        2.451125
75%        7.964545
max      186.687000
```

In [ ]: