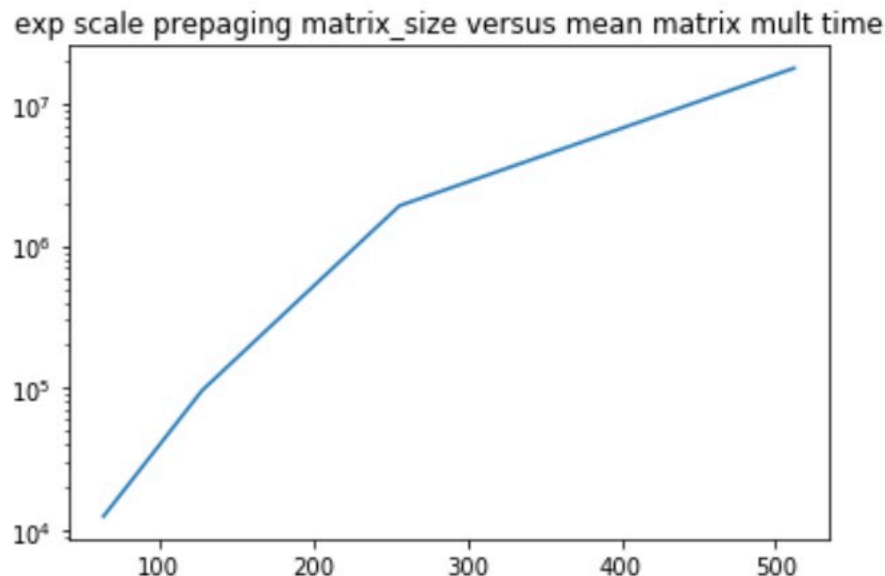


```
In [4]: x = [64,128,256,512]
```

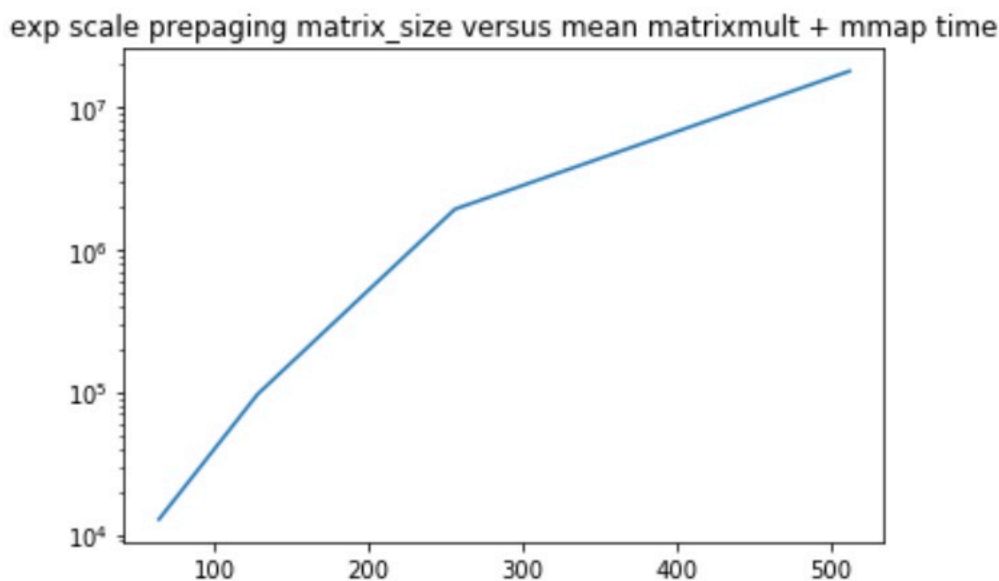
```
In [6]: y_mean_matrix_time = [12442.6,96087.7,1920828.3,17910933.2]
fig, ax = plt.subplots()
ax.plot(x, y_mean_matrix_time)
ax.set_yscale('log')
ax.set_title('exp scale prepaging matrix_size versus mean matrix mult time')
```

```
Out[6]: Text(0.5,1,'exp scale prepaging matrix_size versus mean matrix mult time')
```



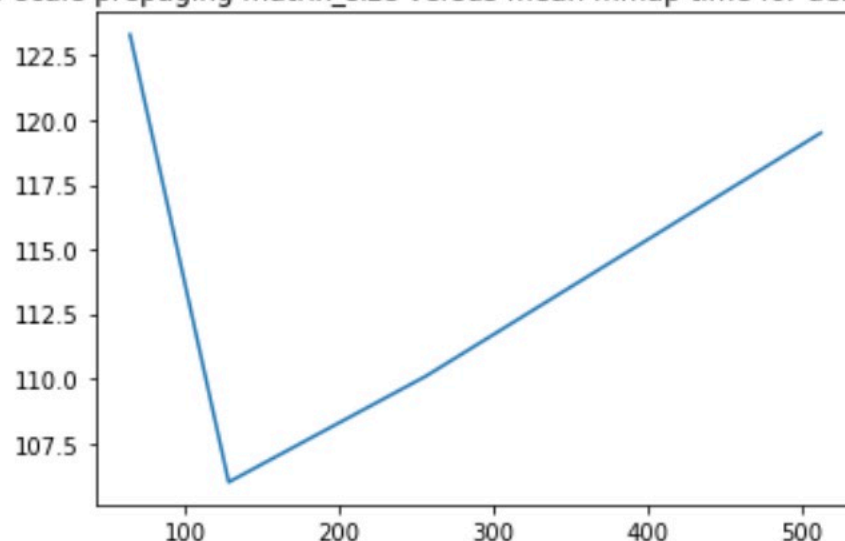
```
In [7]: y_mean_combine_time = [12735.2,96379.4,1921164.4,17911401.9]
fig, ax = plt.subplots()
ax.plot(x, y_mean_combine_time)
ax.set_yscale('log')
ax.set_title('exp scale prepaging matrix_size versus mean matrixmult + mmap time')
```

```
Out[7]: Text(0.5,1,'exp scale prepaging matrix_size versus mean matrixmult + mmap time')
```



```
out[13]: Text(0.5,1,'linear scale prepaging matrix_size versus mean mmap time for demand paging')
```

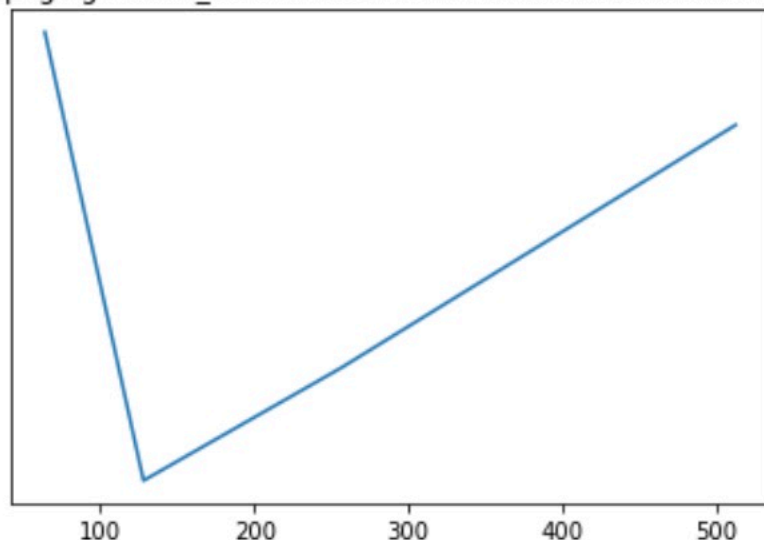
linear scale prepaging matrix_size versus mean mmap time for demand paging



```
in [12]: y_mean_matrix_mult_time_demand = [12988.7,105529.4,1959249.9,18099936.9]
fig, ax = plt.subplots()
ax.plot(x, y_mean_mmap_time_dmand)
ax.set_yscale('log')
ax.set_title('exp scale prepaging matrix_size versus mean matrix mult time for demand paging')
```

```
out[12]: Text(0.5,1,'exp scale prepaging matrix_size versus mean matrix mult time for demand paging')
```

exp scale prepaging matrix_size versus mean matrix mult time for demand paging

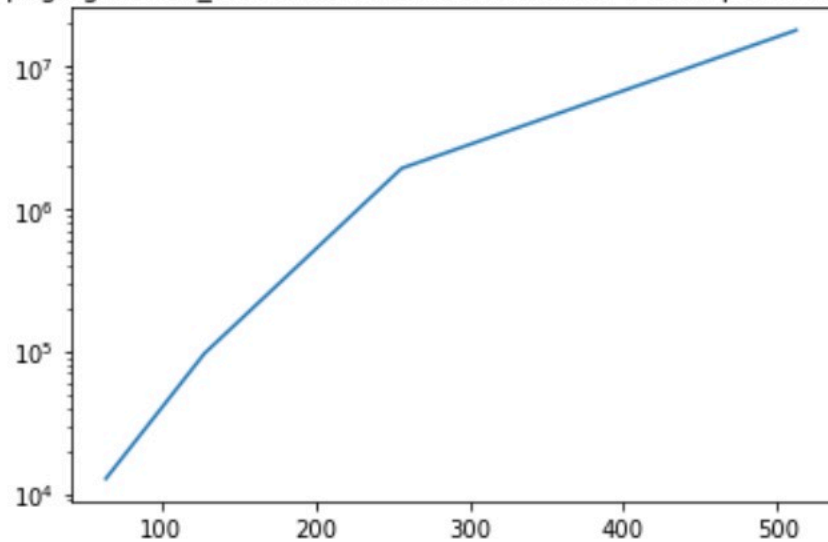


```
in [16]: y_mean_combine_time_demand = y_mean_matrix_mult_time_demand+y_mean_mmap_time_dmand
fig, ax = plt.subplots()
ax.plot(x, y_mean_combine_time)
ax.set_yscale('log')
ax.set_title('exp scale prepaging matrix_size versus mean matrixmult + mmap time for demand paging')
```

```
out[16]: Text(0.5,1,'exp scale prepaging matrix_size versus mean matrixmult + mmap time for demand paging')
```

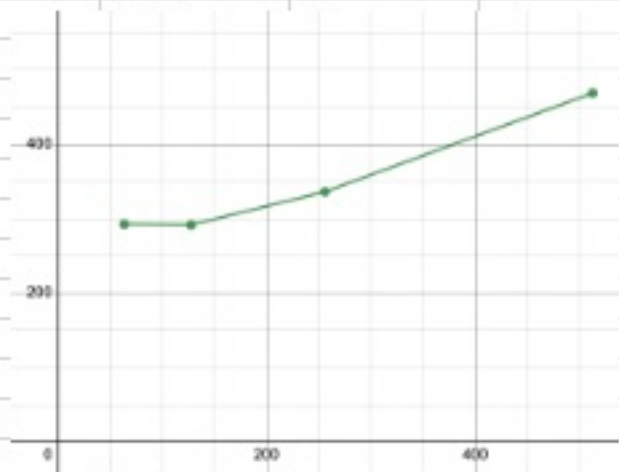
Out[16]: Text(0.5,1,'exp scale prepaging matrix_size versus mean matrixmult + mmap time for demand paging

exp scale prepaging matrix_size versus mean matrixmult + mmap time for demand paging



In []:

prepaging matrix_size x mean mmap time



[illegible]

[illegible]