

# Untitled

October 22, 2017

```
In [9]: from math import *
        n = 1
        while factorial(n) < 1000000:
            n += 1

        print "Minimum value of n (n!)      :", n - 1
```

Minimum value of n (n!) : 9

```
In [7]: # for n lg n
        n = 1
        while n * log(n, 2) < 1000000:
            n += 1

        print "Minimum value of n (n lg n) :", n - 1
```

Minimum value of n (n lg n) : 62746

```
In [ ]:
```