# Dining Philosophers:

In this program the different solutions for the well known concurrency program, dining philosophers is implemented. The solutions implemeneted are the footman, lefthanded and Tanenbaum’s solution.

Run time for each is calculated as

timer\_c = Timer(run\_c)

print("Time : {:0.3f}s".format(timer\_c.timeit(1)/1))

Timer for each solution is displayed and can be used for comparison.

For 5 philosophers and 20 meals:

SDIVANJI-M-901B:CS450 sdivanji$ python dining\_philosophers.py --nphi 5 --meal 20

Time for footman: 19.124s

Time for lefthanded: 11.547s

Time for Tanenbaum: 28.172s