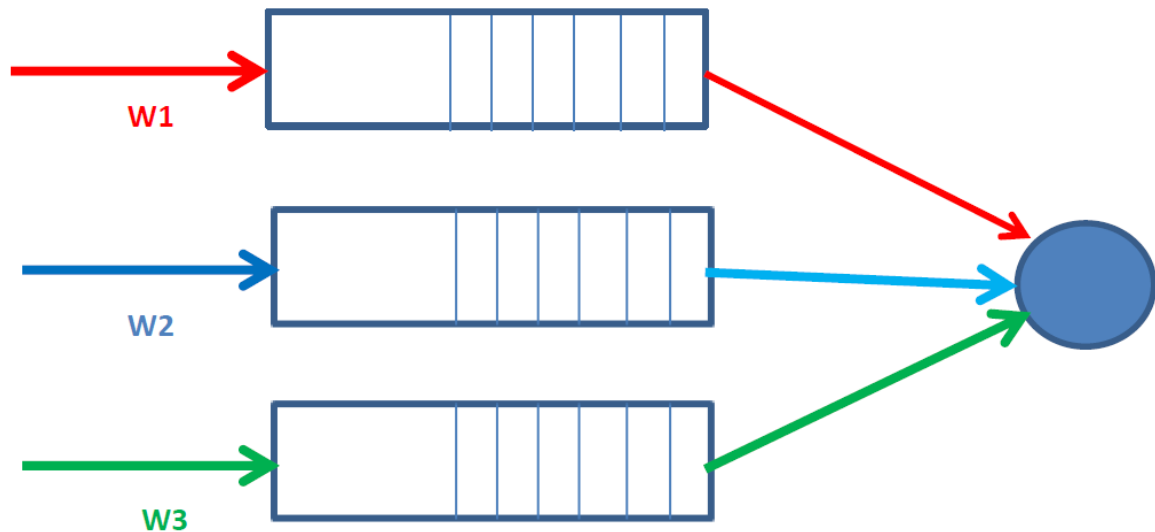# Project 2018 – Weighted Fair Queuing

Modeling of Weighted Fair Queuing

Given 3 Queues, Model the arrivals and departures of packets using the WFQ discipline on MATLAB or any other coding program.

Input:

- (w1,w2,w3) : Weights of each queue

- Service Rate

- Maximum Buffer Size of each Queue

- Arriving packets to each queue: (you should consider fractional value)
  - Packet Length
  - Arrival Time

Output:

- Finish tags of each arriving packet

- Delay of each packet (Total Time of waiting + Service)

- Departure Times of each packet sorted in increasing order

Deadline for Project **Submission & Evaluation Wednesday 2/5/2018**
Maximum Group of 4 (cross tutorials members are allowed)

Team Submission form link: https://goo.gl/forms/IkdbwbnQ7DPgYO963

Deadline for submitting **team members form Wednesday 18/4/2018**