

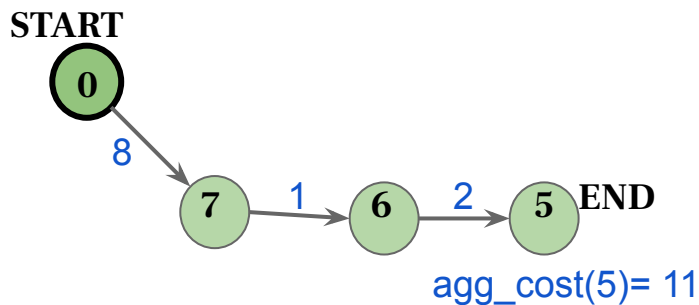
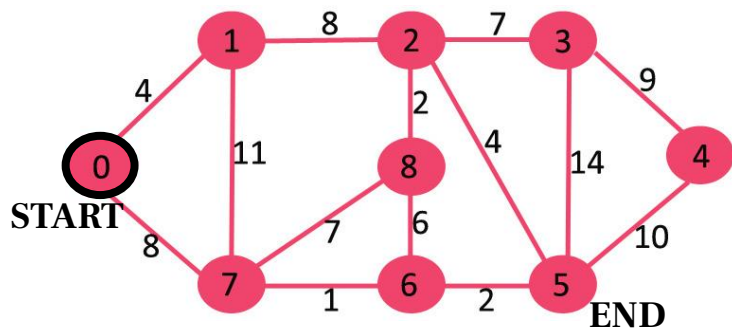
# SHORTEST PATH ALGORITHMS



**GSoC 2018**  
**Sourabh Garg**  
**IIT (BHU), India**



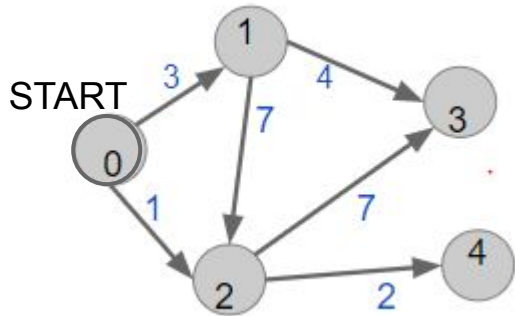
# pgr\_bellmanFord



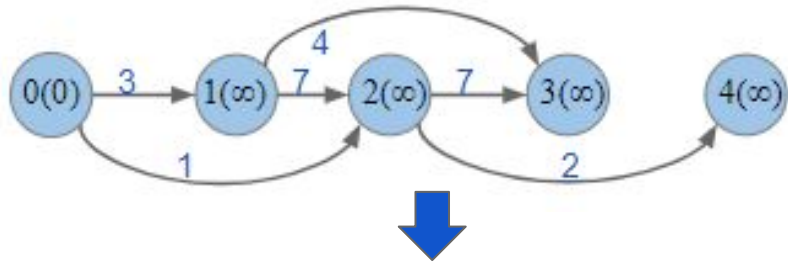
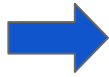
Explanation

Code

# pgr\_dagShortestPath



Explanation



Code

# Experimentation: Parallel Dijkstra



- Distributed Graph(vertices and edges) among processors.
- Apply dijkstra's algorithm over distributed graph

## Explanation[1] [2]

Fig. Distributed Graph with  
Two processors & 7 nodes

## Code

