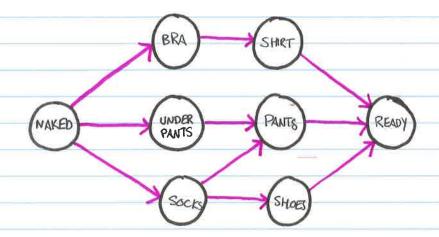
directed acyclic graph

- DAG
- · A DEPENDENCY GRAPH
- · A PARENT MUST BE COMPLETED BEFORE ITS

SOURCE: A NODE WITH NO IN EDGES

SINK: A NODE WITH NO OUT EDGES



- · YOU CLN PUT ON YOUR SHIRT BEFORE
 YOUR PANTS
- · YOU CAN'T PUT ON SHOES WITHOUT SOCKS

SHORTEST PATH PROBLEM

- · ON A DAG IT'S LIKE DIJKSTRA, BUT A LITILE DIFFERT
- · SHORTEST PATH TO COMPLETE ALL TASKS IN PROPER ORDER
- · BOUND BY O(V·E)

PROCESS:

1) GET TOPOLOGICAL SORT (T) USING DF8

2) MODIFY DIJKSTRA 4 USE T INSTEAD OF PQ