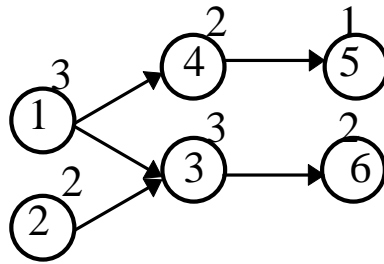


Exercise 12

Consider the following precedence graph for an assembly line. The numbers above the nodes (operations) indicate the durations.



Apply the *Pinto heuristic* assuming a cycle time of 4 and the following two orderings: (1,4,5,2,3,6) and (2,1,3,4,5,6).

Hint: you will find 2 shortest paths in your graph. Derive the configurations of stations for both of them.