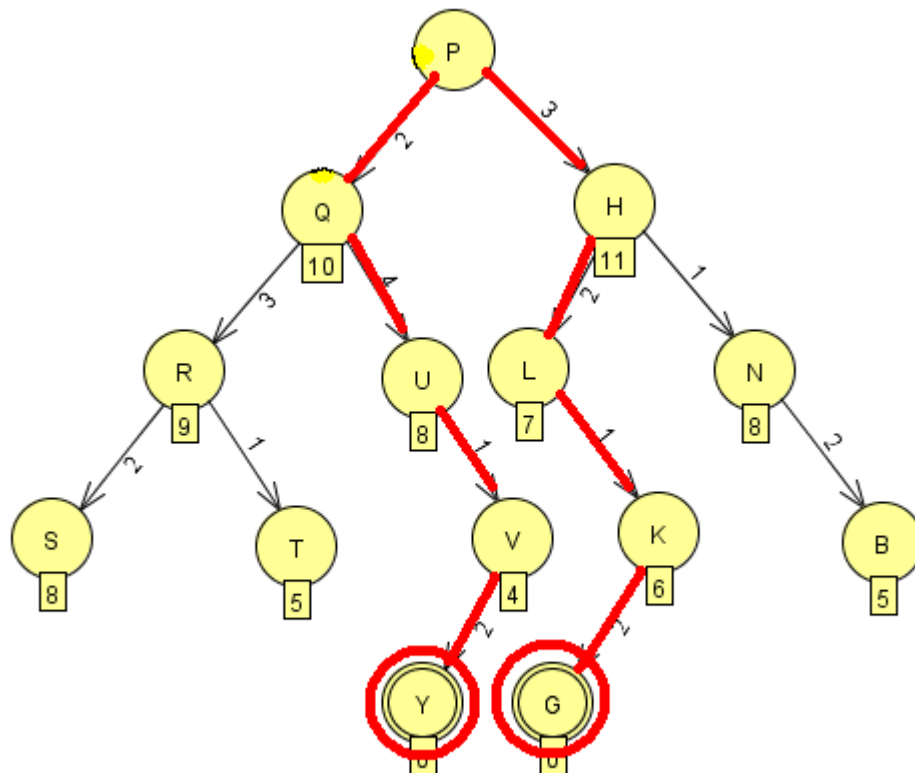


# Solution Assignment # 01

Spring 2012

## Solution 01



## Solution 02

Goal State: we reach at goal state Y first and then at G that is searched by using the best first strategy.

Open list: P, H, Q, R, U, V, Y

Visited list: P, Q, U, V, Y

Open list: P, H, Q, L, N, K, G

Visited list: P, H, L, K, G

**Note: More than one solution of the assignment may exist. In case, either we may take the arc distance or node value as a heuristic function value.**