

# GREEDY-BIPARTITE-MATCHING( $G$ )

1  $M = \emptyset$

2 **for** each vertex  $l \in L$

3     **if**  $l$  has an unmatched neighbor in  $R$

4         choose any such unmatched neighbor  $r \in R$

5          $M = M \cup \{(l, r)\}$

6 **return**  $M$