B) for i in range (1, len (k) +1) O(n) for i, j in g. items() (o (n))
for kin j while len(PP) >0 - O(n) (O(n))
for neighbourt - O(n) S. (Q(8)) stinder

(for) 0

@ for i in nange (k) (o(n) Bore i in 11: 5-0(2) fore j in node - 6(n) for j, k in d items () (o(n)
fon k, l in d. items ()) while (3(2) fon neighbourn (on Jo(n2) 0(2) S.,

A The algorithm that can solve in O(N+M) time complexity, in a way that each noad contains exactly one fitan, is priem's Algorithm