```
Friday, November 13, 2020; 11:06 AM ( nodis reached) (nodis reached) (nodis reached) (nodis reached) (nodis reached)
                                                                   ) + h(ng) = h(ng)
     Closed = [] (Visited nodes) to the holy = n(ns).

G(ns) = g(ns) = 0

Hers) = h(ns) if open is not empty. Open with smallest f(n) -> call it n.
F(n)= 23
         Step() Select node in Open with smallest f(n) \rightarrow cal

Step() Select node in Open and place H in closed.
          stip 2: For each adjacent reachable node of n = [n, n2 ns...]
                             for n: in (n_1, n_2, -n_3):
                                     f n_i = n_F; G[n_i], F[n_i], P[n_i]
                                     g(ni) = G(n) + cost of going from n to n;

if g(ni) < G(ni) < G(ni) < cost of going from n to n;

(newcest) (old rost)
                                                break.
                                                      6 [ni] = 8(ni)
                                                     P[ni] = n Set parent of ni]
                                                     FEni) = g(ni)+h(ni)
                                                    if ni not in open and not in closed
                                                    of ni is in a bood :
                                                              remove n; from about and add it to open
                                                    if no is a open leave of the and we can
                                                                              VISH X later
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