A* algorithm (U, V, C, D)

1. Let U be source and V be destination.
2. Start traversing from the U.
3. Let C = h(n) and D=g(n).
4. Let Ui=(U1,U2,.....,Un) where U1 to Un are intermediate nodes between U and V.
5. If U ==> V is directly connected
   f(n) = h(n) + g(n)
   where g(n) is backtracking distance
   else U => V is not directly connected
   f(n) = h(n) + g(n)
   where g(n) is distance which is summation of distance from destination to source node.

6. Total A* cost f(i) = $\sum_{n=1}^{i} f(n)$ summation from U to V.