det - inet - (cut, vertices):

No. of vertices set. V = vertices

default dictionary to store graph self. graph = default dict (list)

A Pundion to add on edge to graph det add Eage (set, u,v):
set, graph [u]. append(v)

function to perform a sight-Limited search
Rom given source 'src'

def DLS (set, STC, target, mendepth):

if sti== target : retire the

if mondepth <= 0: never folse

He ever for all the vertices adjacent to the vertine for i in self-graph [src]:

if (self-DLS (i, torget, men Depth-11)):

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return folse

100fs to search if target is verhable from v
15 issues rewrote DLS()

det 100Fs (self. src , torget , mensepth):

Repeatedly depth-limit search till the # monimum depth total for i in Youge (mondepth):

it (self. Dis (sire, target, 1)):

Carly