Rogiam results:

munumum pth /length from 1 to 100 I

Groph AK

- I [1,5,487,175,699,624,100] of length 6 II [100,416,354,865,109,1] of length 5

Graph nok

- I [1, 73 N7, 411 18, 2404, 690, 1494, 739, 4722, 100] of length 8
- I [100, 5568, 2781, 1851, 4997, 529, 4260, 1] of longth 7

Graph nook

- [1, 17024, 27471, 14969, 3075, 4156, 32753, 14973, 100] of Congilh 8
- [100, 44340, 54527, 6606, 53263, 95930, 38655, 58288, 1] of Cangth 8

find the lawest length path between two given vectices (source, tayed) by using backward bredth first.

source brites: 2 toget bester: 5

Graph:

First example

3

backward Brothtwat George

2	More, Mone, More, More) More	[False, False, False, Talse, True]		

abem	im made	meghbour	toul head	previous modes	visited
5	٨	[1,2,4]	4	[5, More, More, More, More], DESER	True, Folise, Folise, Folise, True], Folise
	2		4,1	[5, 5, Hore, Hone, Hone] Marie	[True, True, False, False, True] [[True, True] [[]
	4		4.2, 1	[5,5, Mone, 5, Home] ASSAG	[True, True, False, True, True] #
٨	2	[8]	4,2	<u> </u>	-11
94	Λ	[4,3,4]			
	a		3,4	[5,5,4,5, Hone] More]	[True, True, True, True, Folse]
	3	100	3,4	<u> </u>	
4	٨	[1,2,3]	3		- II
	a		3	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	3		3	- Jan	
3		[]	A TOTAL STATE OF THE STATE OF T		I Special of the second
dome!			Section for the Control	[5,5,4,5, More] ASSAG	[True, True, True, True, True] #80%

(Inon, 7, 1, 5, 4, 5, None)

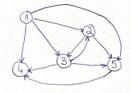
Dim	dictionary
1]-[a]

2	-[1,3,4]
3	-[]
Ч	-[1,2,3]
5	- [12.47

=) the algorithm
returns the path [2,5] and
the length 1

abe	length	listal puo mades	ntog lomit	111	
	٨	[5,5,4,5, How]	[2]		
	2	[5,5,4,5,None] 1864	[2,5]		
sina		-1-			
a!					

Second example Graph



Din dictionary

1	-[]
2	-[N.3]
3	-[1,2]
4	-[A,3,5]
5	-[1,2,3]

source vectox: A togst vectox: 4

wood Brath tent bearch				[How, More, More, Nova] Model]	[False, False, False, False] False	
abon	stem mi	meighbours	don prof	plevious moder	betain	
4	Λ	[1,3,5]	naix	[4, Mone, Mone, Mone, Mone] Marie	[Trus, Falso, Fahr, Trus, Falso] Tolk	
	3		3, 1	[4, More, 4, Hone, More] MORE)	[True, False, True, True, False] Police	
	5		5,3,1	[4, Mane, 4, Mane, 4] XXXXX	[True, Falme, True, True, True] #	
Λ		[]	5,3			
3	ENA	[1,2]	5.5			
	d		2,5	[4,3,4, Mane, 4] (1)	[Tone, Tone, Tone, Tone, True] FARE	
5	1	[1,2,3]	2		——————————————————————————————————————	
	2		2			
	3		a	- 11		
2	٨	[1,3]		n		
	3			—— II ————————————————————————————————	11	
doma!				[4,3,4, Nome,4]	[True, True, True, True]	

returns [4,3,4, Mone, 4]

recombucted Path [4,3,4,40me,4] all length let of your mader [] attag land => the algorithm ratures
the path [2,3,4] and the length a made [a] [4,3,4, Mone, 4] 2 ٨ [2,3] 2 - 11 3 4 [2,3,4] 3 _ || _ Nome

state extex; 2

and vertex: 4

dome!