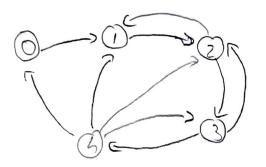
Lab 2 - Problem 1



0: 1 1: 2 2: 1,3 3:/2,5 4: 0,1,2,3

	X	7	9	visited	beer
initialization			0	01234 TFFFF	0 1 2 3 4
iteration 1	0	1	1	0 1 2 3 5 TTFFF	01235
iteration 2	١	2	- 2 -	11-11-12-E	01235
iteration 3.1 iteration 3.1 iteration 3.2	2	- m	3	TTTFF	0 1 2 3 5
itration 4 1 iteration 4.1 iteration 4.2	3	2 5	= -	0 1 2 3 5	0123
iteration 5.1 teration 5.1 iteration 5.2 iteration 5.5	4	0 1 2 3	0 11 11 11		

The queue is empty, so our program stops and it returns the preu [0123]

returns of a de top ou they trivey northern the new forms with

=) hapy (0'1's'3" ") ofter renerand for (bapp) -1 = [2]

graph 1 h : 1-100: The length of the shortest path is 6. 4 1,5,487, 175,699,624,1007 100-1: The length of the shortest path is 5. 4 100, 416, 354, 865, 109, 1 } graph tole 1-100: The length of the heartest path is 8. 4 1, 3300, 2607, 523, 6211, 5359, 9794, 5173, 100} 100-1: The length of the shortest path is 7. 4 100, 2398, 3054, 5232, 8217, 2478, 7151,19 graph 100 k 1-100: The length of the drawtest path is 8 { 1, 17024, 27471, 16969, 3075, 4156, 32753, 14873, 100} 100-1. The length of the drartest path is E.

4100,44340,54527,6606,53263,95930,98655,5828,1)