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=== Compiling with gcc -Wall -o ass2 *.c -lm
=====
=== Compilation finished
=== Testing begins
=== test 3: ass2 < test3.txt | tail -60
=====
S1: grid is 6 x 5, and has 30 intersections
S1: of 120 possibilities, 30 of them cannot be used
S1: total cost of remaining possibilities is 1857 seconds
S1: 3 grid locations supplied, first one is 0a,          last one is 4e

S2: start at grid 0a, cost of 0
S2:   then to 1a, cost of 9
S2:   then to 2a, cost of 19
S2:   then to 3a, cost of 28
S2:   then to 3b, cost of 40
S2:   then to 3c, cost of 50
S2:   then to 2c, cost of 60
S2: start at grid 0a, cost of 0
S2:   then to 1a, cost of 9
S2:   then to 2a, cost of 19
S2:   then to 3a, cost of 28
S2:   then to 3b, cost of 40
S2:   then to 3c, cost of 50
S2:   then to 3d, cost of 70
S2:   then to 3e, cost of 82
S2:   then to 4e, cost of 126

S3:
S3: +---+---+---+---+---+---+
S3: a | 0 >>>> 9 >>>> 19 >>>> 28 >>>> 34 >>>> 45
S3:   | v      v      v      v      v
S3:   | v      v      v      v      v
S3: b | 38      32      21      25      46 >>>> 54
S3:   | v      ^      ^      ^      ^
S3:   | v      ^      ^      ^      ^
S3: c | 48      22 <<<< 0 >>>> 17 >>>> 40 >>>> 74
S3:   | v      v      v      v      v
S3:   | v      v      v      v      v
S3: d | 66      56      23      37      50      103
S3:   | ^      ^      ^      ^      ^
S3:   | ^      ^      ^      ^      ^
S3: e | 57 <<<< 44 <<<< 34 <<<< 12 <<<< 0      116

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=== test 4: ass2 < test5.txt | tail -60
=====
S1: grid is 8 x 5, and has 40 intersections
S1: of 160 possibilities, 39 of them cannot be used
S1: total cost of remaining possibilities is 2449 seconds
S1: 5 grid locations supplied, first one is 1c,          last one is 1d

S2: start at grid 1c, cost of 0
S2:   then to 0c, cost of 31
S2: start at grid 1c, cost of 0
S2:   then to 1b, cost of 41
S2: start at grid 1c, cost of 0
S2:   then to 2c, cost of 10
S2: start at grid 1c, cost of 0
S2:   then to 2c, cost of 10
S2:   then to 2d, cost of 33
S2:   then to 1d, cost of 84

S3:
S3: 0      1      2      3      4      5      6      7

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S3:										
S3: a	33	21 >>>>	31 >>>>	40 >>>>	46 >>>>	57 >>>>	71 >>>>	85		
S3:	^	^						v		
S3:	^	^						v		
S3: b	2	0 >>>>	17	34	55 >>>>	63 >>>>	80	96		
S3:	^			^	^	v	v	v		
S3:	^			^	^	v	v	v		
S3: c	0	0	0 >>>>	17 >>>>	40	72	88	118		
S3:	v			v		v	v			
S3:	v			v		v	v			
S3: d	8	0 >>>>	10	27 >>>>	61	80	91 >>>>	123		
S3:		v		v		v				
S3:		v		v		v				
S3: e	30 <<<<	17 >>>>	22	39 >>>>	83	98 >>>>	109 >>>>	124		

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== Testing ended
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