```
main: initialize matrix A[N][N+1] as [A|B]
1.00 1.00 1.00 4.00 22.00
1.00 1.00 4.00 1.00 19.00
1.00 4.00 1.00 1.00 16.00
4.00 1.00 1.00 1.00 13.00
main: create N=4 working threads
partial pivoting by thread 0 on row 0: pivot_row=3 pivot= 4.00
main: wait for all 4 working threads to join
thread 1 do row 1
thread 2 do row 2
thread 3 do row 3
4.00 1.00 1.00 1.00 13.00
0.00 0.75 3.75 0.75 15.75
0.00 3.75 0.75 0.75 12.75
0.00 0.75 0.75 3.75 18.75
partial pivoting by thread 1 on row 1: pivot_row=2 pivot= 3.75
thread 2 do row 2
thread 3 do row 3
partial pivoting by thread 2 on row 2: pivot_row=2 pivot= 3.60
4.00 1.00 1.00 1.00 13.00
0.00 3.75 0.75 0.75 12.75
0.00 0.00 3.60 0.60 13.20
0.00 0.00 0.60 3.60 16.20
thread 3 do row 3
4.00 1.00 1.00 1.00 13.00
0.00 3.75 0.75 0.75 12.75
0.00 0.00 3.60 0.60 13.20
0.00 0.00 0.00 3.50 14.00
\ main: back \ substitution: The \ solution \ is:
1.00 2.00 3.00 4.00
```