m568887

| | 3) Tacc UserID = WShlapko | r r |
|---|------------------------------------|---|
| | 4) a) PO | Pl |
| | 1 Want (SCO] = T | want CS[1] = + |
| | 2 turn = 0 | tuchel |
| | 3 While ((turn == 1) & wont (5[1)) | 183 White ((town == 0) 83 hand (SEO 3) 83 |
| | y CS | C5 |
| | 5 wantescos=false | want (S[1]=F |
| | | |
| | If PO executes 1,2 ten | PI executes I, we have |
| | Want CS[0]=T, want CS[1]=T, | |
| | enter Cs. Then PI goes | to 2 and sets turn =1, |
| | which allows it to enter a | is as well, so we have |
| | 2 processes in cs at he | |
| | | |
| | b) I'f the tack various | sset before be want (1 |
| | variable, tre, what we can | |
| | | turn=0 |
| | 2 want (5(0)=T | want (S[1]=T |
| | 3 while (tern=1 & want (S(1)) | while (turn=0 & wantesco]) |
| | 4 CS | CS |
| | 5 Want CS(B) = F | ward Cr[1] = [|
| | It Po executes 1, and Pl | executes though to while |
| | loop and to tre cs, po to | |
| | fall into the Es as well. | |
| 1 | 5) wantCS[0] = True; | |
| | local 0 = turn | |
| | tavn 0= local 0 | |
| | | mm)): while (want (50) && (1000) = tumo) |
| | CS Tooler | C5 +) |
| | Want CS[0) = false | want (5[1] = false |
| | | |
| | | |
| | | |

| 6) to the second |
|--|
| 6) Britishy algorithm would fall it it did not have : choosing variables, consider PO and PI: |
| to goes in the doorway goes through the 1600 and finds. |
| onat the max # 15 0. However, it does not in one ment get. |
| Al then goes in and does the same thing finding that the max # 15 0, however it then continues through |
| that the max # 15 O, however it the n continues through |
| De second for loop, since be number is the only |
| PO tren continues, gets assigned number EO]=1, and |
| does towards to for loop sooing that the number is the |
| Same as 11 but 140 and so it noes through |
| 1 0-1 00 00 00 00 |
| by having a smaller PIO, PO enter) Cs. |
| goes through the for loop, seeing that the number is the same as II but 140 and so it goes through by having a smaller PIO. Po enters Cs. Now, 60th PO and Pl are in CS, incorrect. |
| Now, 60th PO and Pl are in (5, incorrect. |
| Now, 60th PO and Pl are in (5, incorrect. |
| Now, 60th PO and Pl are in (5, incorrect. |
| Now, 60th PO and Pl are in (5, incorrect. |
| by having a smaller PIO. PO enters Cs. Now, 60th PO and Pl are in CS, incorrect. |
| by having a smaller PIO. Po enters Cs. Now, 60th PO and Pl are in Cs, incorrect. |
| by having a smaller PIO. Po enters Cs. Now, 60th PO and Pl are in Cs, incorrect. |
| by having a smaller PIO. Po enters Cs. Now, 60th PO and Pl are in CS, incorrect. |
| by having a smaller PIO. Po enters Cs. Now, 60th PO and Pl are in CS, incorrect. |
| by having a smaller PIO. PO enters Cs. Now, 60th PO and Pl are in (S, informed. |
| by having a smaller PIO. Po enters Cs. Now, 60th PO and Pl are in (S, incorrect. |
| by having a smaller PIO. Po enter Cs. Now, 60th PO and Pl are in (5, incorrect. |
| by having a smaller PIO. Po enters Cs. Now, 60th PO and Pl are in (S, incorrect. |
| by having a smaller PID. PO enters Cs. Now, 60th PO and Pl are in CS, incorrect. |
| by having a smaller PIO. Po enter Cs. Now, 60th PO and Pl are in (5, incorrect. |