chaps

Board examples - critical sections, race conditions, worked at the while board

A Commence	Race Constition (Food it)
	nt bo ance = 50;
	soid withdraw (ret amount) &
2	if (balance ramount) &
3	contac approved;
4	bolonce -= amount;
5	Section and the second section of the second section of the section of the second section of the section of the second section of the section
	3
	2 threads short in balance \$50
42	TI wModraw 40 2657501
	The T2 w Modraw 255
Julanea	Her .
50	Il storts gets to 3 (past the Aller)
50	preempted by T2,
25	72 runs to end
-15	TI surched breck on Frishes

Horse Condition - when program output depends on what gets love frigt, toryll to reproduce rolling not global=2; word funct) { if (global: 0)
else do Zaro(); 3)
else do Notteral); 9 thread my+ (funct); critical {
section } global = 0;

race constitus, it @ hayyear hefore 2 then (3) else (9) whos gouna um? (PSA - you may see code that solves " Mis with delays. (sleep-fort) sleep-untill) His is a non-scalable L solution.

Action is extensis an area of coole when only 1 (

Avertion: if I would no Moods, doyor have (5's:

Total for() &

Sint gi = 0;

Int wath() & (Fru);

inti=gi;

if no Horist?

if thood does not necess global?

gi = i;

gi = i;

tl., pin();

chip & part 1 fred critical sections

Client 1 Client 2 Client in

O cost = stockprice *shores

Financial
+(ansaction
Selver 3 boy stock (sym, m, acct)

BA

1/9/obal
int transaction5=0;

O stert a 1,2,3
global cost

Det DBB m Fine
no globals
(stack fame local vais)

(3) explore getmoney buystock

@ add global transactions

int tronsactions=0;

gettinonery (acct, cost) {

return m;
}

buystock (sym, m, and); 11 record = xactions transactions +=;