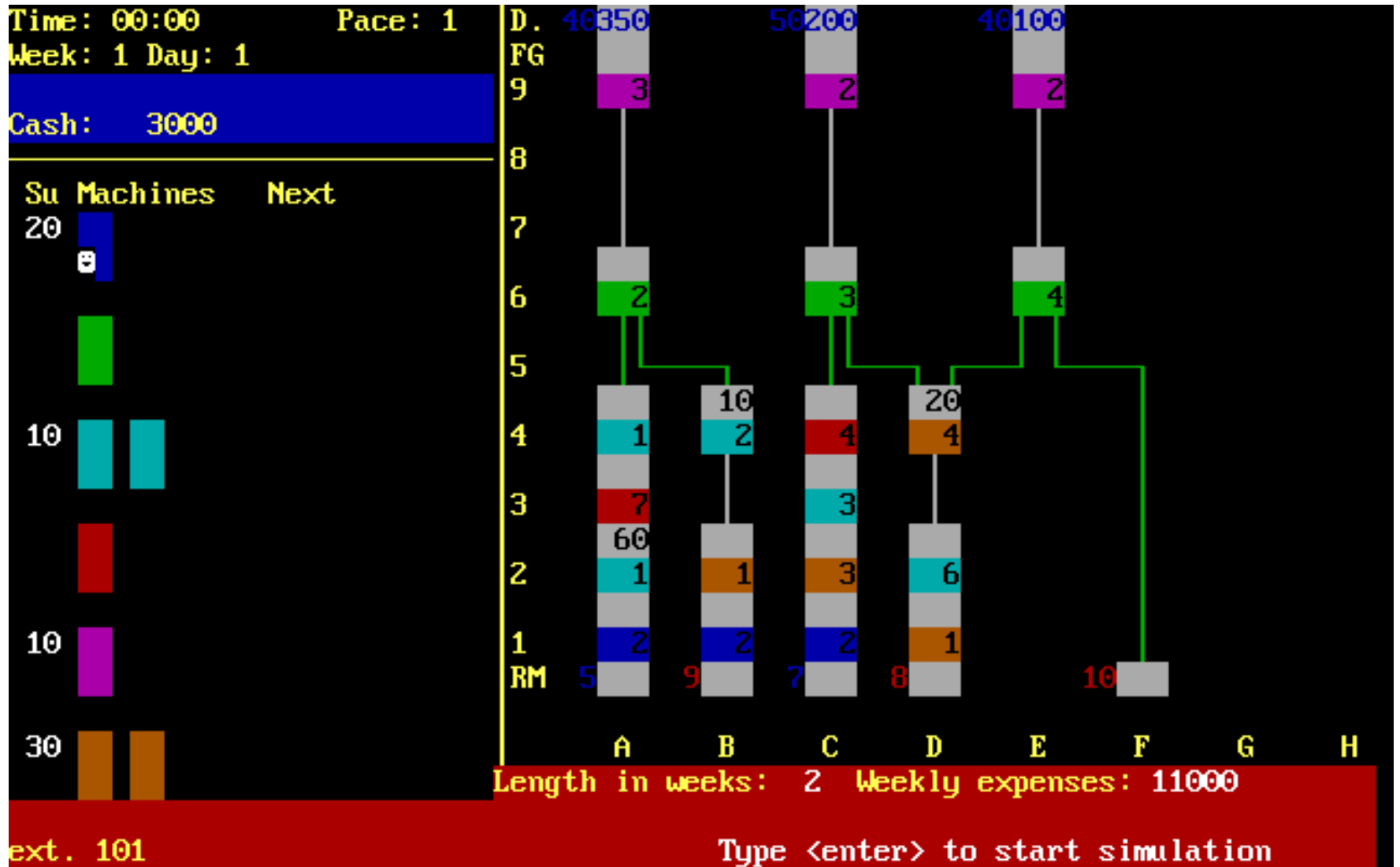


A fábrica



Resultados da 1ª tentativa

DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: SIM

Week performance

<u>Financial statement</u>		<u>Utilization of machines</u>			
Net profit:	297	% of:	Break	Prod	Set-up
Cash at end of week:	3622				
Return on investment:	.55%				
(per week)					
Throughput:	11297	Blue	-	40	11
(Sales):	17630	Green	-	47	-
Inventory - rm value:	225	Cyan	-	47	4
Inventory - \$ days:	225	Red	-	80	-
Operating Expenses:	11000	Magenta	-	43	5
		Brown	-	31	8

Product A: weekly demand in units= 350 sold= 222
Product C: weekly demand in units= 200 sold= 95
Product E: weekly demand in units= 100 sold= 100

Type <enter> to continue, L to look at net, Q to quit

Decisões após a primeira tentativa

- Lote maior otimizar setup
- Planejar compras
- Identificar restrição e não deixar a restrição sem produzir
- Planejar o buffer
- Priorizar os itens + rentáveis

Resultados da 2ª tentativa

Week performance

Financial statement

Net profit:	3504
Cash at end of week:	6790
Return on investment:	6.54%
(per week)	
Throughput:	14504
(Sales):	22160
Inventory - rm value:	264
Inventory - \$ days:	264
Operating Expenses:	11000

Utilization of machines

% of:	<u>Break</u>	<u>Prod</u>	<u>Set-up</u>
Blue	-	48	8
Green	-	61	-
Cyan	-	64	3
Red	-	99	-
Magenta	-	50	5
Brown	-	46	8

Product A: weekly demand in units= 350 sold= 204
Product C: weekly demand in units= 200 sold= 200
Product E: weekly demand in units= 100 sold= 100

Type <enter> to continue, L to look at net, Q to quit

Próximas melhorias

- Sequenciamento
- Sincronizar a operação pelo planejamento da entrada de materiais