Example: A bank

Model in SimQuick:

Entrances:

1	
Name →	Door
Time between arrivals →	Exp(2)
Num. objects per arrival →	1
Output destination(s) ↓	
Line	

Buffers:

1			2	
Name →	Line		**Name →**	Served Customers
Capacity →	8		Capacity →	Unlimited
Initial # objects →	0		Initial # objects →	0
Output destination(s) ↓	Output group size ↓		Output destination(s) ↓	Output group size ↓
Teller	1			

Work Stations:

	1		
	Name →	Teller	
	Working time →	Nor(2.4,0.5)	
Output destination(s) ↓	# of output objects ↓	Resource name(s) ↓	Resource # units needed ↓
Served Customers	1		

Simulation controls:	
Time units per simulation →	120
Number of simulations →	30

Simulation Results

Return to Control Panel

Element types	Element names	Statistics	Overall means	Simulation Numbers 1	2	3	4	5
Entrance(s)	Door	Objects entering process	53.50	54	55	57	51	51
		Objects unable to enter	7.87	7	11	3	6	0
		Service level	0.88	0.89	0.83	0.95	0.89	1.00
Work Station(s)	Teller	Final status	NA	Working	Working	Working	Working	Working
		Final inventory (int. buff.)	0.00	0	0	0	0	0
		Mean inventory (int. buff.)	0.00	0.00	0.00	0.00	0.00	0.00
		Mean cycle time (int. buff.)	0.00	0.00	0.00	0.00	0.00	0.00
		Work cycles started	48.23	47	48	51	48	49
		Fraction time working	0.96	0.94	1.00	0.99	0.96	0.94
		Fraction time blocked	0.00	0.00	0.00	0.00	0.00	0.00
Buffer(s)	Line	Objects leaving	48.23	47	48	51	48	49
		Final inventory	5.27	7	7	6	3	2
		Minimum inventory	0.00	0	0	0	0	0
		Maximum inventory	7.53	8	8	8	8	5
		Mean inventory	4.28	4.17	6.13	4.23	4.29	1.34
		Mean cycle time	10.59	10.64	15.33	9.94	10.73	3.29
	Served Customers	Objects leaving	0.00	0	0	0	0	0
		Final inventory	47.23	46	47	50	47	48
		Minimum inventory	0.00	0	0	0	0	0
		Maximum inventory	47.23	46	47	50	47	48
		Mean inventory	22.80	22.55	23.37	24.61	22.09	24.14
		Mean cycle time	Infinite	Infinite	Infinite	Infinite	Infinite	Infinite