

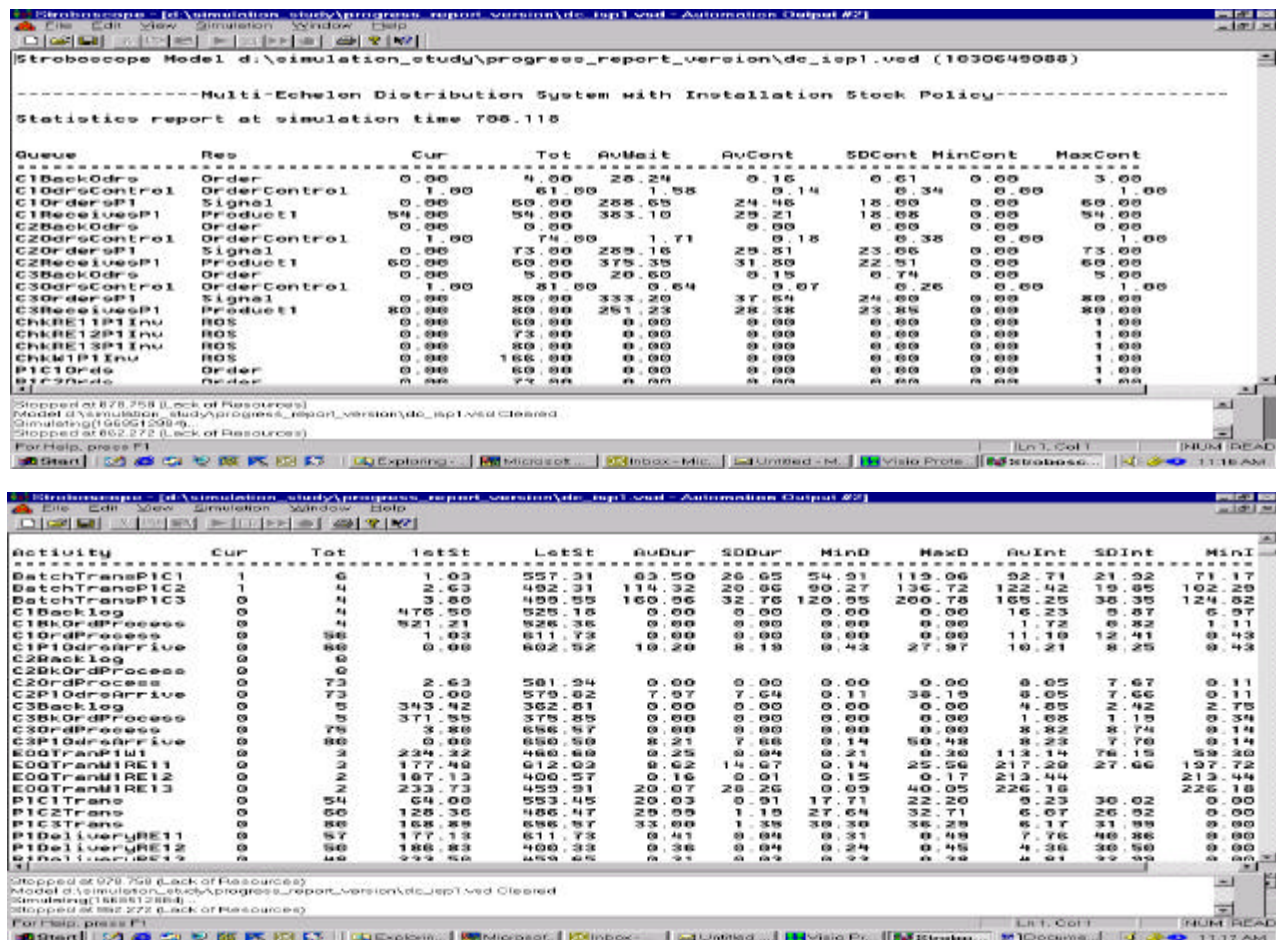


Figure 7.5 Snapshots for the output of the simulation models

7.7.1 Output Analysis of Installation Stock Policy vs. Echelon Stock Policy

From the corresponding simulation models, the following performance results can be obtained:

Table 7.1 Costs and fill rates with different warehouse reorder points for a distribution system with echelon stock policy

W1_ReOrderPoint	Total_Cost	R1 FillRate	R2 FillRate	R3 FillRate
4	57195.32	0.941	0.977	0.841
8	59662.00	0.949	0.972	0.833
10	59235.67	0.951	0.973	0.843
12	61503.42	0.963	0.984	0.874
15	61486.65	0.949	0.965	0.871
20	65778.14	0.973	0.977	0.863
25	71714.20	0.984	0.984	0.868
30	74603.34	0.981	0.976	0.877
35	76256.62	0.974	0.978	0.882