

ScanSoft(tm) LP100 v2.10 /ScanSoft/

FINAL SOLUTION/TABLEAU 3

TIME: Saturday March 18, 1989 21:11:08

NAME: An example of an LP100 data file.

ANALYSIS SECTION

| ALT OPT | VARIABLE NAME | ACTIVITY LEVEL | SHADOW PRICE |
|------------|------------------|-------------------|-----------------|
| --- | ----- | ----- | ----- |
| | -MxLoan | 5000.0000 | 0.0000 |
| | -MxStk | | 0.0950 |
| | stock | 4000.0000 | 0.0000 |
| | bond | 6000.0000 | 0.0000 |
| | loan | | 0.0600 |

| CONSTRAINT TYPE | NAME | UNUSED CAPACITY/ EXCESS DEMAND | SHADOW PRICE |
|--------------------|--------|-----------------------------------|-----------------|
| --- | ----- | ----- | ----- |
| LTE | MxLoan | 5000.0000 | 0.0000 |
| LTE | MxStk | 0.0000 | 0.0950 |
| EQU | MxCash | 0.0000 | 0.0900 |

SOLUTION SECTION

PROFIT SUMMARY

| SOLUTION VARIABLE | ACTIVITY LEVEL | CURRENT INPUT COEFFICIENT |
|----------------------|-------------------|------------------------------|
| ----- | ----- | ----- |
| FUNCTION | 1280.0000 | 0.0000 |
| -MxLoan | 5000.0000 | 0.0000 |
| stock | 4000.0000 | 0.1850 |
| bond | 6000.0000 | 0.0900 |

| ENTERING VARIABLE | LOWER RANGE INPUT COEF | CURRENT INPUT COEFFICIENT | UPPER RANGE INPUT COEF | ENTERING VARIABLE |
|-------------------|------------------------|---------------------------|------------------------|-------------------|
| loan | -0.0600 | 0.0000 | UNBOUNDED | |
| | UNBOUNDED | 0.0000 | 0.0950 | -MxStk |
| -MxStk | 0.0900 | 0.1850 | UNBOUNDED | |
| | UNBOUNDED | 0.0900 | 0.1500 | loan |
| | UNBOUNDED | -0.1500 | -0.0900 | loan |

| EXITING VARIABLE | LOWER RANGE OF RHS | CURRENT RHS | UPPER RANGE OF RHS | EXITING VARIABLE |
|------------------|--------------------|-------------|--------------------|------------------|
| -MxLoan | 0.0000 | 5000.0000 | UNBOUNDED | |
| stock | 0.0000 | 4000.0000 | 10000.0000 | bond |
| bond | 4000.0000 | 10000.0000 | UNBOUNDED | |

EXTENDED
PROFIT

 0.0000
 0.0000
 740.0000
 540.0000