**Procedure Description**

| | |
|---|---|
| [BEGIN] | Read Movement File then Go to X. |
| [MATCHING] | If Part No. in MR $>$ Part No. in Stock Record then go to unmatched action.<br>If Part No. in MR $\neq$ Part No. in Stock Record then go to Error action. |
| [MATCHED ACTION] | If Code $=$ Issue Card then take MR, Quantity then subtract into quantity Stock Record then Add into Total Issue.<br>Otherwise Take MR, Quantity then Add into Quantity in Stock Record then add into total Receipt. |
| [Y] | Unless End of Movement File then read Movement file then go to Matching. |
| [UNMATCHED ACTION] | Unless Totals is Clear: Write Transaction Record.<br>If Quantity in Stock Record $<$ Minimum then write Requirement Slip.<br>Write Stock Record to New Master File. |
| [X] | Clear Totals.<br>If end of Movement File or End of Master File then go to ending Otherwise Read Master File then go to Matching. |
| [ENDING] | If end of Master File then Close then Stop "END".<br>Otherwise Locate Stock Record for End of Master File; Writing to New Master File then Write Stock Record to New Master File then close then stop "END". |
| [ERROR ACTION] | Display "CARD SEQUENCE ERROR"; "PART NUMBER IS"; Part No. in MR then Accept into Error Direction. |
| [Z] | If Error Direction $=$ "CONTINUE" then go to Y.<br>Otherwise If Error Direction $=$ "STOP" then go to Ending.<br>Otherwise Display "INVALID MESSAGE" then go to Z. |

**References**

*The NEBULA Programming Manual.* Ferranti Publication List CS 282.
*NEBULA Programming Examples and Solutions.* Ferranti Publication List CS 283.
*NEBULA Summarized Procedure Description.* Ferranti Publication List CS 284.

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# Annual Prizes: Result of 1960–61 Competition

As announced in *The Computer Journal*, Volume 3, page 163, the Editorial Board have considered the papers which were published between June 1960 and April 1961 in this *Journal* and *The Computer Bulletin*.

Awards of twenty guineas each were made in respect of two papers, and these were presented to the authors at the Annual General Meeting of The British Computer Society in London on 26 September 1961.

The winning papers were:

H. H. Rosenbrock (*Constructors John Brown Limited*). "An Automatic Method for Finding the Greatest or Least Value of a Function."
Published in *The Computer Journal*, Volume 3, page 175.

A. J. Platt (*Pilkington Brothers Limited*). "The Experience of Applying a Commercial Computer in a British Organization."
Published in *The Computer Journal*, Volume 3, page 185.

The Editorial Board highly commended the paper by Miss Daphne E. Kilner (*British Transport Commission*) entitled "The Characteristics of Computers of the Second Decade" (*The Computer Bulletin*, Volume 4, p. 88); also the paper by F. G. Duncan and D. H. R. Huxtable (*The English Electric Co. Ltd.*) entitled "The Deuce Alphacode Translator" (*The Computer Journal*, Volume 3, page 98.

A further competition will be held on the papers published between June 1961 and April 1962.