100 main

Open files

Perform 125 read master

Perform 150 read trans

Perform 175 control-key

Perform 200 compare until t-key = high values and m-key = high values

Close files

Stop run

125 read master

Read old master record at end move high-values to M-Key

150 read trans

Read trans record at end move high-values to t-key

175 control key

If t-key < m-key

Move tkey to ws-control-key

Else

Move m-key to ws-control-key

End-if

200 compare

If m-key = ws-control-key

Move “yes” to ws-allocated-switch

Perform create-new-0master

Else

Move “no” to ws-allocated-switch

End-if

Perform process-trans

Until ws-control key not equal to t-key

If ws-allocated-switch = “yes”

Write new master record

End-if

Perform control-key

300 create-new-master

Move old master record to new master record

Perform 125 read master

400 process-transaction

If A perform 500-add record

If U perform 700 update

If D perform 600 delete

Perform read-transaction

500 add record

If ws-allocated-switch = “no” move trans record to new master record

Move “yes” to ws-allocated switch

600 delete record

If ws-allocated-switch =”yes”

Move “no” to ws-allocated-switch

700 update record

Is ws-allocated-switch = “yes” subtract qt from qt on hand