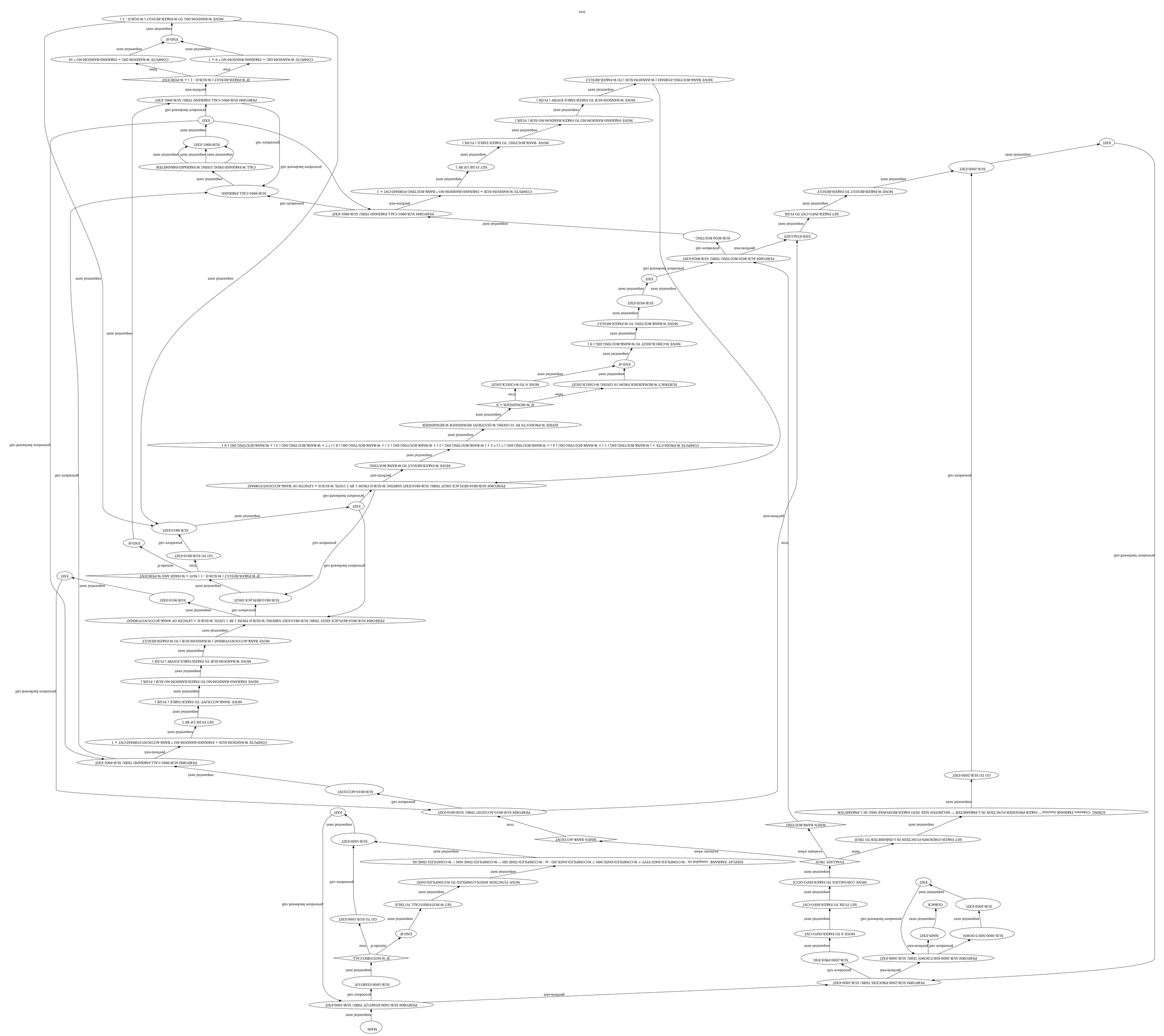
test
MAIN .
PERFORM SUB-1000-START-UP THRU SUB-1000-EXIT
procedure call
sequential next
PERFORM SUB-2000-PROCESS THRU SUB-2000-EXIT
procedure call
perform-exit
SUB-1000-START-UP .
IF W-NOT-FIRST-CALL
true
outside-if
END-IF
SET W-NOT-FIRST-CALL TO TRUE
MOVE FUNCTION WHEN-COMPILED TO W-COMPILED-DATE
DISPLAY 'FARRANK compiled on ' W-COMPILED-DATE-YYYY '/' W-COMPILED-DATE-MM '/' W-COMPILED-DATE-DD ' at ' W-COMPILED-TIME-HH ':' W-COMPILED-TIME-MM ':' W-COMPILED-TIME-SS
EVALUATE TRUE
evaluate when
WHEN BANK-ACCOUNT
WHEN BANK-ROUTING
STRING 'Unknown FARRANK function "' PARSER-PROVIDER-FUNCTION IN L-PARAMETER '" DELIMITED SIZE INTO PARSER-RESPONSE-MSG IN L-PARAMETER
SET PARSER-UNKNOWN-FUNCTION IN L-PARAMETER TO TRUE
false
SET PARSER-INFO-CNT TO PARSER-INFO-CNT
MOVE LOW-VALUES TO PARSER-INFO-OCCS
MOVE 0 TO PARSER-INFO-CNT
SUB-2000-PROCESS .
MOVE W-PARSER-RESULT TO PARSER-RESULT
SET FARSER-INFO-CNT TO PARSER-INFO-CNT
SET PARSER-UNKNOWN-FUNCTION IN L-PARAMETER TO TRUE
SUB-3000-SHUT-DOWN .
MAIN-EXIT .
GOBACK
SUB-3000-EXIT .
EXIT
PERFORM SUB-2000-PROCESS THRU SUB-2000-EXIT
PERFORM SUB-3000-SHUT-DOWN THRU SUB-3000-EXIT
CO TO SUB-2000-EXIT
SUB-2000-EXIT .
EXIT
PERFORM SUB-1000-START-UP THRU SUB-1000-EXIT
SUB-1000-EXIT .
SUB-9010-ACCOUNT .
PERFORM SUB-9010-ACCOUNT THRU SUB-9010-EXIT
PERFORM SUB-9020-ROUTING THRU SUB-9020-EXIT
SUB-9020-ROUTING .
END-EVALUATE
MOVE W-BANK-ROUTING TO W-PARSER-RESULT
SUB-9020-EXIT .
EXIT
PERFORM SUB-9810-REPLACE-DIGIT THRU SUB-9810-EXIT VARYING W-SUB-D FROM 1 BY 1 UNTIL W-SUB-D > LENGTH OF BANK-ACCOUNT-FORMAT
MOVE W-PARSER-RESULT TO W-BANK-ROUTING
COMPUTE W-PRODUCTS = (W-BANK-ROUTING-DIG (1) + W-BANK-ROUTING-DIG (4) + W-BANK-ROUTING-DIG (7)) * 3 + (W-BANK-ROUTING-DIG (2) + W-BANK-ROUTING-DIG (5) + W-BANK-ROUTING-DIG (8)) * 7 + W-BANK-ROUTING-DIG (3) + W-BANK-ROUTING-DIG (6)
DIVIDE W-PRODUCTS BY 10 GIVING W-QUOTIENT REMAINDER W-REMAINDER
IF W-REMAINDER = 0
true
false
MOVE 0 TO W-CHECK-DIGIT
SUBTRACT W-REMAINDER FROM 10 GIVING W-CHECK-DIGIT
END-IF
MOVE W-CHECK-DIGIT TO W-BANK-ROUTING-DIG (9)
MOVE W-BANK-ROUTING TO W-PARSER-RESULT
SUB-9020-EXIT .
EXIT
PERFORM SUB-9020-ROUTING THRU SUB-9020-EXIT
SUB-9020-ROUTING .
END-EVALUATE
SET PARSER-INFO-CNT TO PARSER-INFO-CNT
MOVE W-PARSER-RESULT TO PARSER-RESULT
SUB-2000-EXIT .
EXIT
PERFORM SUB-9990-CALL-FARRAND THRU SUB-9990-EXIT
SUB-9990-CALL-FARRAND .
COMPUTE W-RANDOM-SUB = FARRAND-RANDOM-NO * BANK-ROUTING-FORMAT-CNT + 1
SET FI-DX UP BY 1
MOVE BANK-ROUTING TO PARSER-TABLE (FI-DX)
MOVE FARRAND-RANDOM-NO TO PARSER-RANDOM-NO-SUB (FI-DX)
MOVE W-RANDOM-SUB TO PARSER-TABLE-ENTRY (FI-DX)
MOVE BANK-ROUTING-FORMAT (W-RANDOM-SUB) TO W-PARSER-RESULT
PERFORM SUB-9810-REPLACE-DIGIT THRU SUB-9810-EXIT VARYING W-SUB-D FROM 1 BY 1 UNTIL W-SUB-D > LENGTH OF BANK-ACCOUNT-FORMAT
SUB-9810-REPLACE-DIGIT .
SUB-9010-EXIT .
IF W-PARSER-RESULT (W-SUB-D : 1) NOT = W-HASH AND W-PERCENT
true
outside-if
GO TO SUB-9810-EXIT
END-IF
EXIT
PERFORM SUB-9990-CALL-FARRAND THRU SUB-9990-EXIT
SUB-9990-EXIT .
CALL W-FARRAND-PROG USING W-FARRAND-PARAMETER
COMPUTE W-RANDOM-SUB = FARRAND-RANDOM-NO * BANK-ACCOUNT-FORMAT-CNT + 1
SET FI-DX UP BY 1
MOVE BANK-ACCOUNT TO PARSER-TABLE (FI-DX)
MOVE FARRAND-RANDOM-NO TO PARSER-RANDOM-NO-SUB (FI-DX)
MOVE W-RANDOM-SUB TO PARSER-TABLE-ENTRY (FI-DX)
MOVE BANK-ACCOUNT-FORMAT (W-RANDOM-SUB) TO W-PARSER-RESULT
PERFORM SUB-9810-REPLACE-DIGIT THRU SUB-9810-EXIT VARYING W-SUB-D FROM 1 BY 1 UNTIL W-SUB-D > LENGTH OF BANK-ACCOUNT-FORMAT
SUB-9810-EXIT .
SUB-9010-EXIT .
IF W-PARSER-RESULT (W-SUB-D : 1) = W-PERCENT
true
false
COMPUTE W-RANDOM-DIG = FARRAND-RANDOM-NO * 9 + 1
COMPUTE W-RANDOM-DIG = FARRAND-RANDOM-NO * 10
END-IF
MOVE W-RANDOM-DIG TO W-PARSER-RESULT (W-SUB-D : 1)
sequential next
procedure call
perform-exit
procedure backward call