Begin
start
MAIN .
sequential next
PERFORM SUB-1000-START-UP THRU SUB-1000-EXIT
perform-exit
procedure call
procedure backward call
SUB-1000-START-UP .
sequential next
IF W-NOT-FIRST-CALL
procedure call
sequential next
true
outside-if
SET W-NOT-FIRST-CALL TO TRUE
MOVE FUNCTION WHEN-COMPILED TO W-COMPILED-DATE
DISPLAY 'FAKBANK 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
GO TO SUB-1000-EXIT
END-IF
sequential next
SUB-1000-EXIT .
EXIT
PERFORM SUB-2000-PROCESS THRU SUB-2000-EXIT
perform-exit
procedure call
SUB-2000-PROCESS .
MOVE 0 TO FAKER-INFO-CNT
SET FI-DX TO FAKER-INFO-CNT
MOVE LOW-VALUES TO FAKER-INFO-OCCS
sequential next
EVALUATE TRUE
evaluate when
evaluate when
false
PERFORM SUB-3000-SHUT-DOWN THRU SUB-3000-EXIT
perform-exit
procedure call
procedure backward call
MAIN-EXIT .
GOBACK
SUB-3000-SHUT-DOWN .
sequential next
SUB-3000-EXIT .
EXIT
WHEN BANK-ACCOUNT
true
SET FAKER-UNKNOWN-FUNCTION IN L-PARAMETER TO TRUE
STRING 'Unknown FAKBANK function "' FAKER-PROVIDER-FUNCTION IN L-PARAMETER '"' DELIMITED SIZE INTO FAKER-RESPONSE-MSG IN L-PARAMETER
GO TO SUB-2000-EXIT
PERFORM SUB-9010-ACCOUNT THRU SUB-9010-EXIT
procedure call
WHEN BANK-ROUTING
SUB-9010-ACCOUNT .
sequential next
PERFORM SUB-9901-CALL-FAKRAND THRU SUB-9901-EXIT
perform-exit
procedure backward call
COMPUTE W-RANDOM-SUB = FAKRAND-RANDOM-NO * BANK-ACCOUNT-FORMAT-CNT + 1
SET FI-DX UP BY 1
MOVE 'BANK-ACCOUNT' TO FAKER-TABLE (FI-DX)
MOVE FAKRAND-RANDOM-NO TO FAKER-RANDOM-NO-SUB (FI-DX)
MOVE W-RANDOM-SUB TO FAKER-TABLE-ENTRY (FI-DX)
MOVE BANK-ACCOUNT-FORMAT (W-RANDOM-SUB) TO W-FAKER-RESULT
sequential next
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
procedure call
sequential next
SUB-9810-REPLACE-DIGIT .
procedure backward call
SUB-9010-EXIT .
EXIT
procedure call
SUB-9810-EXIT .
EXIT
sequential next
IF W-FAKER-RESULT (W-SUB-D : 1) NOT = W-HASH AND W-PERCENT
outside-if
true
END-IF
GO TO SUB-9810-EXIT
procedure backward call
procedure call
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
perform-exit
true
perform-exit
procedure call
MOVE W-FAKER-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
sequential next
sequential next
procedure backward call
procedure call
IF W-REMAINDER = 0
MOVE W-CHECK-DIGIT TO W-BANK-ROUTING-DIG (9)
MOVE W-BANK-ROUTING TO W-FAKER-RESULT
true
false
sequential next
MOVE 0 TO W-CHECK-DIGIT
SUBTRACT W-REMAINDER FROM 10 GIVING W-CHECK-DIGIT
SUB-9020-EXIT .
EXIT
sequential next
sequential next
END-IF
sequential next
sequential next
sequential next
sequential next
procedure backward call
PERFORM SUB-9020-ROUTING THRU SUB-9020-EXIT
procedure call
perform-exit
SUB-9020-ROUTING .
END-EVALUATE
sequential next
sequential next
PERFORM SUB-9901-CALL-FAKRAND THRU SUB-9901-EXIT
SET FAKER-INFO-CNT TO FI-DX
MOVE W-FAKER-RESULT TO FAKER-RESULT
perform-exit
procedure call
procedure backward call
sequential next
COMPUTE W-RANDOM-SUB = FAKRAND-RANDOM-NO * BANK-ROUTING-FORMAT-CNT + 1
SET FI-DX UP BY 1
MOVE 'BANK-ROUTING' TO FAKER-TABLE (FI-DX)
MOVE FAKRAND-RANDOM-NO TO FAKER-RANDOM-NO-SUB (FI-DX)
MOVE W-RANDOM-SUB TO FAKER-TABLE-ENTRY (FI-DX)
MOVE BANK-ROUTING-FORMAT (W-RANDOM-SUB) TO W-FAKER-RESULT
SUB-9901-CALL-FAKRAND .
CALL W-FAKRAND-PROG USING W-FAKRAND-PARAMETER
SUB-2000-EXIT .
EXIT
sequential next
sequential next
sequential next
SUB-9901-EXIT .
EXIT
procedure call
procedure backward call
PERFORM SUB-9901-CALL-FAKRAND THRU SUB-9901-EXIT
perform-exit
IF W-FAKER-RESULT (W-SUB-D : 1) = W-PERCENT
sequential next
true
false
MOVE W-RANDOM-DIG TO W-FAKER-RESULT (W-SUB-D : 1)
COMPUTE W-RANDOM-DIG = FAKRAND-RANDOM-NO * 9 + 1
COMPUTE W-RANDOM-DIG = FAKRAND-RANDOM-NO * 10
sequential next
sequential next
END-IF