ALGORITHM distincts\_elements

VAR

htab : HASH\_TABLE<CHAR,INTEGER>;

tab1 : ARRAY\_OF\_INTEGER[50];

tab2 : ARRAY\_OF\_INTEGER[50];

i,count : INTEGER;

sum : INTEGER;

BEGIN

Read(tab1);

Sum :=0 ;

FOR i FROM 0 TO tab1.length -1 STEP 1 DO

IF (htab.lookup(tab1[i]) = TRUE) THEN

count := htab.get(tab1[i]);

htab.insert(tab1[i],count+1);

ELSE

htab.insert(tab1[i],1);

END\_IF

END\_FOR

FOR i FROM 0 TO tab2.length -1 STEP 1 DO

IF (htab.lookup(tab2[i]) = TRUE) THEN

count := htab.get(tab2[i]);

htab.insert(tab2[i],count+1);

sum :=sum+(tab2[i]) ;

ELSE

htab.insert(tab2 [i],1);

END\_IF

END\_FOR

Write(sum) ;