DECLARE voterIDs : ARRAY[1:groupStudents] OF STRING

DECLARE studentID : STRING  
DECLARE Count : INTEGER  
DECLARE nextFreeIndex : INTEGER  
DECLARE foundFlag : BOOLEAN

foundFlag = FALSE

groupStudentsLoop = groupStudents

WHILE groupStudentsLoop >= 1

DO

OUTPUT “Enter your voter number: ”  
 INPUT studentID

FOR Count = 1 TO groupStudents

IF voterIDs[Count] = studentID THEN

OUTPUT “You have already voted!”  
 foundFlag = TRUE

ENDIF

IF voterIDs[Count] = “” THEN

nextFreeIndex = Count

ENDIF

NEXT

IF foundFlag = FALSE THEN

voterIDs[nextFreeIndex] = studentID  
 OUTPUT “Enter the voting choice of the next student (Enter ‘SKIP’ for   
 abstention”   
 INPUT studentChoice

IF studentChoice = candidateNames[1] THEN

candidateVotes[1] = candidateVotes[1] + 1  
 groupStudentsLoop = groupStudentsLoop – 1

ELSEIF studentChoice = candidateNames[2] THEN

candidateVotes[2] = candidateVotes[2] + 1  
 groupStudentsLoop = groupStudentsLoop – 1

ELSEIF studentChoice = candidateNames[3] THEN

candidateVotes[3] = candidateVotes[3] + 1  
 groupStudentsLoop = groupStudentsLoop – 1

ELSEIF studentChoice = candidateNames[4] THEN

candidateVotes[4] = candidateVotes[4] + 1  
 groupStudentsLoop = groupStudentsLoop – 1

ELSEIF studentChoice = “SKIP” THEN

voteAbstentions = voteAbstentions + 1  
 groupStudentsLoop = groupStudentsLoop – 1

ELSE

OUTPUT “Enter a correct choice.”

ENDIF

ENDIF

ENDWHILE