

## PSEUDOCODE – Task 2

```
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

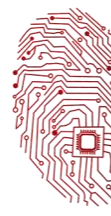
                candidateVotes[1] = candidateVotes[1] + 1
                groupStudentsLoop = groupStudentsLoop - 1

            ELSEIF studentChoice = candidateNames[2] THEN

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

            
```





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```
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
```

