**Algorithm** findhighestscorer(N, Names, Marks):

for i = 1 to N do //N Total no of students

push(s, Marks[i]) //s is a stack of marks

enqueue(q1, Names[i]) //q1 is a queue of student names

highestMarks ← -1

for i = 1 to N do

studentMarks ← pop(s)

enqueue(q2, studentMarks) //q2 is 2nd queue of marks

for i = 1 to N do

studentMarks ← dequeue(q2) //Dequeuing q2

push(s, studentMarks) //Pushing students marks to initial stack s

for i = 1 to N do

studentMarks ← pop(s)

studentName ← dequeue(q1)

if studentMarks > highestMarks then

highestMarks ← studentMarks

highestScorerName ← studentName

return highestScorerName