Day-19 12-09-2021
It kth smallest element in a sorted modrig.
Joput: mostrix =[[1,5,9],[10,11,13],[12,13,15]], K=8
Doutput! 13
Brut force
I traverse the metrix and store it in a voctor
nat. and frient kth small clement.
I optimal by max-heap.
int kth smallest (vector rector rint > of meets int x) ¿
priority-quentintspq;
for (înt 120; 3 conationsizer); itt)
for (int y=0; /2 matrix.); i++)
pg. push (matrix [i][j]);
<u>ς ⁴y (ρq·siνe() γ k)</u>
Parorotai
2 11 Par C
?
3
return py.top():
3



