Creedy.

Marimise profit / Minimising loss.

Armazon (1.30L)

iphone- Paytin (1.25L)

Flipkart (1.28L)

Company.

22 LPA 25 LPA 28 LPA

- Work Culture

- Gorking hours

B(i) is very less - ignore.

## [Correcting an incorrect step from the past.]

ida - min Hap.

- 1) Sort them in increasing order of time.
- 2) Minteap heap;

$$\begin{cases}
||f|| = 0; ||i|| < N; ||i|| + 1 ) & \begin{cases}
|f|| = 0; ||i|| < N; ||i|| + 1 ) & \begin{cases}
|f|| = 0; ||i|| < N; ||i|| + 1 ) & \begin{cases}
|f|| = 0; ||i|| < N; ||i|| + 1 ) & \end{cases}
\end{cases}$$

$$\begin{cases}
|f|| ||f|| < ||f|| <$$

3 Remove all elements from heap & add them to get ans.

- There are N students with their marks. Ñ Teacher has to give them candies such that

  - a) Every student should have attack one-condy.
    b) Student with more marks than neighbours i i+1 have more candies than them. find minimum candic to distribute.

A- 
$$\begin{bmatrix} 1 & 5 & 2 & 1 \\ 0 & 1 & 2 & 3 \end{bmatrix}$$
 and = $\frac{7}{4}$  A-  $\begin{bmatrix} 4 & 4 & 4 & 4 & 4 \\ 0 & 1 & 2 & 3 & 4 \end{bmatrix}$  1 1 1 1 1 2 2 3 4

$$A \cdot \begin{bmatrix} 8 & 10 & 6 & 2 \\ 0 & 1 & 2 & 3 \\ 1 & 2 & 2 & 1 \\ 3 & 3 & 1 & 3 \end{bmatrix}$$

Q1 Liven N jobs with their stort & end-time. Clipkart find the max jobs that can be completed if only one job can be done at a time. S: [ 1 5 8 7 12 13] E: [2 10 10 11 20 19] 10 Duration

10 X 12

12 X 2D

2 X 2D

3 Stort time.

2 A 2D

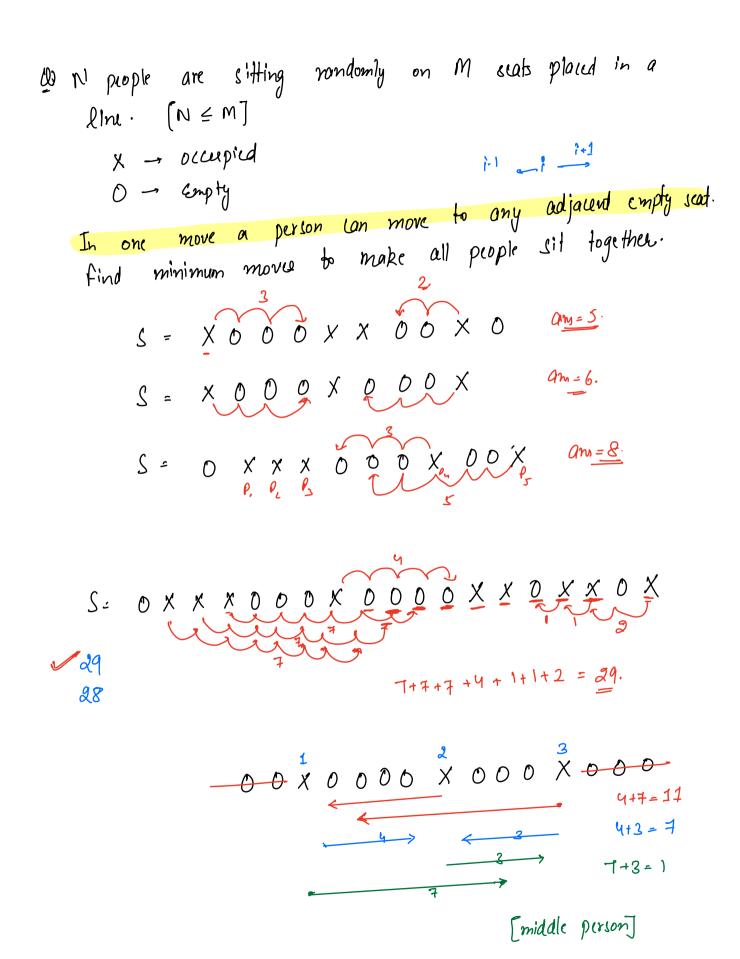
3 Stort early + minimum duration = end early. averdy

## (3) End-time.

## Hpsurdo- code.

1) Sort on the boss of End-time.

$$\begin{bmatrix} T.C \rightarrow O(NlogN) \\ S.C \rightarrow O(1) \end{bmatrix}$$



O. Pair (

int ei

Pair ( ) arr: new Par (N7;

Arroys. sort ( arr, new Companator ( ) f

public int compane (Pair a, Pair b) f

return a.ci - b.ei

()