Frehen find I, ant = 1 and max = max(cut, max)

-> when find D, cut = D.

Ans. max

Peccedy approaches.

A42. N meetings in one soom

> one meeting exorm

-> n meeting in between a time interval

>> find maximum number of meetings that couldful

>> ending time of one meeting cout be starting time

ef another.

SD2 10 J 979 Troom
FC1 = 26 4. 1 (4.
)Date: Page:
Apperoach 1.
sout the guest meeting as per finishing time
(1,2,1) whelpetwo of starting time
(3,4,3) -> 15 meeting can take place limit=2.
aczo - welgen go to next meet, make well to
(8,9,4) check limit thus 3nd meeting limit = 4
y e [i] < limit, skip
(8,9,16) - if e[i] < limit, skip.  -> ch meeting einit = 7  -> yth meeting limit = 9.
7 4th meeting limit = 9.
1070(n) + 0 (N 209N) + 0 (N) ~ 0 (N 209N)
SC-O(N) Most-optimal Bol
Source code
struct meeting?
int start, end, pos; };
eool comparator (struct meeting m, meetingm)
if (m1. end < m2, end) outween touch
else if (m, end> m2, end) eceturn false else if (m, pos < m2, pos) sectiven true
else if (m. pos < me, pos) evetiven true
exturn false;
S
Void max Meet (int SCJ, inte [J, intn) {
struct meeting meet [n];
for (ent à =0; icn; i++)
meet [i]. start = S[i];
meat [i], end = e[i];
meet[d]. hos = i+1! ?
sout (meet), meet+n, comparator);
vector sint and;
unt limit = meet [o], end;

ans push outper med
for lint i=1; i< n'; i+7)  for lint i=1; i< n'; i+7)  for lint ) of Page 7
ent=meet [i]. end;  ent=meet [i]. end;  one user. fush-back (meet [i]. pos);  prent (ane nee)
meet (i) pos)
1 Can a week )
prent lanswing
104 Minimum number of platform required  for a railway  given assival & departure time for railway  station
las exalles are
De la resival & departuel time for hartist
en than
minsmum no. of plat forms en quito
station  -> minemum no. of plat forms erequired to avoid keeping trains waiting
-> all timings are of same day  -> attain departing platform count be used for arrival of another train
- a train departing platform cons
alival of another teain
CCD 200 /00 OTU
100+ [] = 120 SU SS 900 1000
and [] 2 600 SSV
* tisk interviewer whether starting time is sort
+ task interviewer whether starting time & departure time  > sort all the starting time & departure time  -> take 2 places well as stop so and e
-> fake 2 fths des bush as
945 job sequencing perollem  7 n jobs with deadline & perofit on each job  7 each jobs takes I unit of time and one job can be done at a time
1945 got seguette deadline & bewelt on each job
7 ooch will take I writ of time and one
job can be done at a time
id deadline perofit timo find max pusti
4: 50
2 (0
3 40
70

