()=> Crum this eq? C - real rumber 22 + TZ = C Jenen Hue value of co, find 1. 15C 410 $CL C=2 \longrightarrow ans \longrightarrow x=1$ C=15.6

C=15.6

Secure

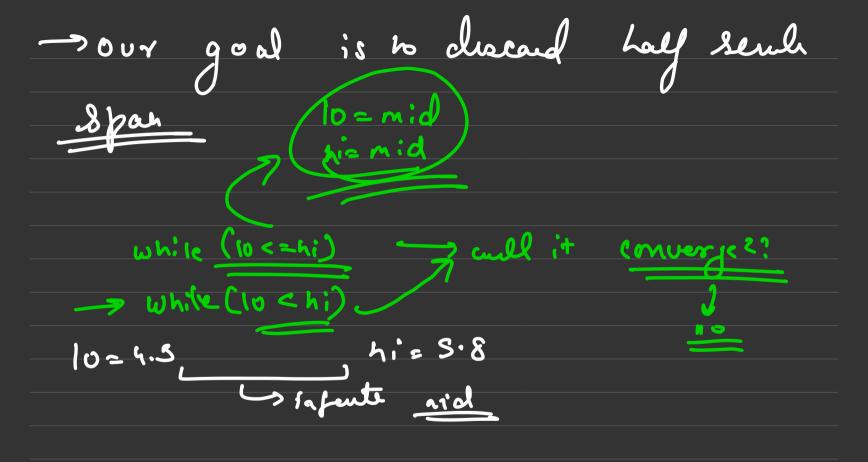
C=15.6

Secure

Secure

C=15.6

generally in binary Seamle, cue remove half of the search space by cellus doing or his mid-1 10=mid+1 Can une do hi=mid-13? mid infunt valur
plat you ignore Ci
while were possible aus



for treating real nois -> we mant dem freuer -> while (loc hi) while (hi - 10 > 6) while (hi-10>0)

while
$$(hi-10>0)$$

$$109_{2}101 \rightarrow 30$$

$$ivent$$

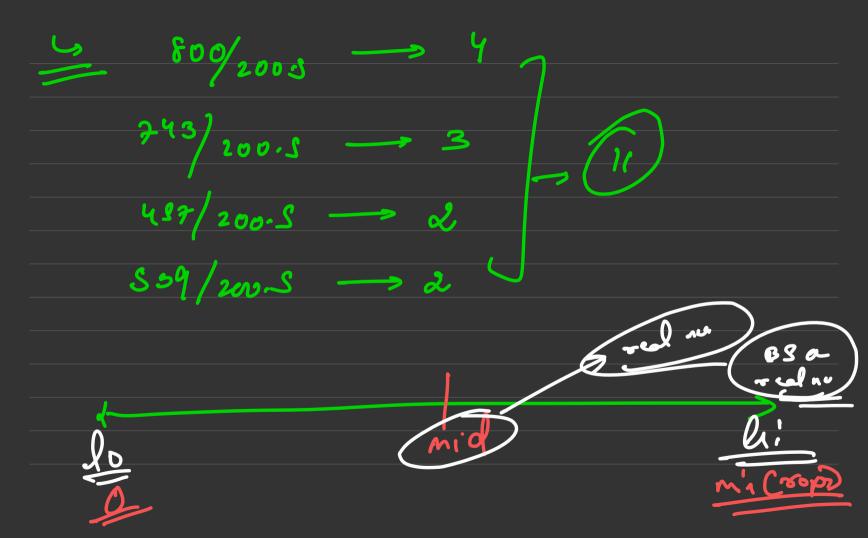
$$hi \approx 10^{1} \approx 60$$

$$hi \approx 10^{3} \approx 10^{3} \text{ itent}$$

$$10^{3} = 10^{3} \text{ itent}$$

- they execute some exact no gikatin ∫c6 ; = 1 ···· 150 ; BS (veci

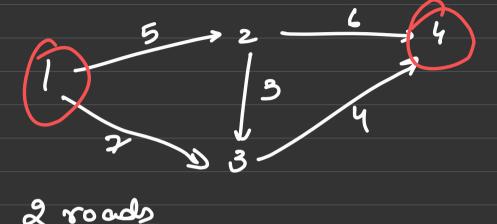
De there are n ropes, you need to cut them, into K Smaller ropes, of equal length. find the max length et pues you can get: n=4, 802 ans 200,5 539



mid denoks the legth of cut
you get enactly k rapes. E ai//mid > x

In Aroad relwork has nymetions & m one-way roads. each road hading to a lower numbered jeunc's to a hylur numbered jeur? Each road how a no. Your task is to find a path from jeune? I to junction n, consistly of at most d'roadson which maximum of the numbers Corresponding to the road is minimum. (BS)





min-wt