Loop detection on linked list	
This can be done of we madify the list & splaces Some unions and then wenter no is encountered back the beginning of loop.	
-) we can also use hashmap and then chell it is has been encountered before on not.	
-) Something cone into mind of we beep a pointer that moved only with speed in & another with in of they moved only	
Nomb ton tour is a yell	
A B S S S S S S S S S S S S S S S S S S	
They not have	
Distance to a velled by $S = \frac{N}{2N}$	
When Slava entersed they were k (assured) notes apart	
and then K+1 1. K+2, and who observed in (no of notes th	
(00p) they were absolut postion. Sol N-k terms showhed to move tooward.	
found for the state of the stat	
wen slow intered first the fost was K pointers The ahead, because of the	
with some points of the state o	
the morning aread to 15 K+1, K+2, K+4 -) they much	
when they are not of stones aparts so, N= n-K,	
they a store had to move n-h storps before colliding	