Leetyre 34: - Let's Build the Snake & Ladder games No.

Requirements

Enson V.

- fize of boards should be ocalable.
- There are standard game sules and should be 4 turner setensible
- There can be game +setup strategy 1/ke
 Random setup, custom stetup, standard
 setup ete.
 - Notification (in-app).

umu piagram perculs)

- O we will be using top-down approach itsstanting with movin class then creating supportive class as Needed.
- (1) It for executing cells in our brand we are
 thinking of ap vector then its no need to
 we can store it in 10 vector as no
 will be consistant but issue or snake
 a ladder ? Then map snake, ladder?
 will be perpect.
- 3) create the or chestrator days _ 49me and 40r playing game we will need board then create Board days.
- 9 mow in Board dows 4inst requirement is board scalability, we will take siet from client.

B NOW WE have to display snake and ladder to so we can use two separate vector to do so but instead we can see use parent class Board Entity inherit and overnide by snake and ladder day.

Snake more ->. Head-tail.

game (1.00) ((abstract))

Boardentity
int stant;
int end;
displayu;

snarce displayers

displayers]

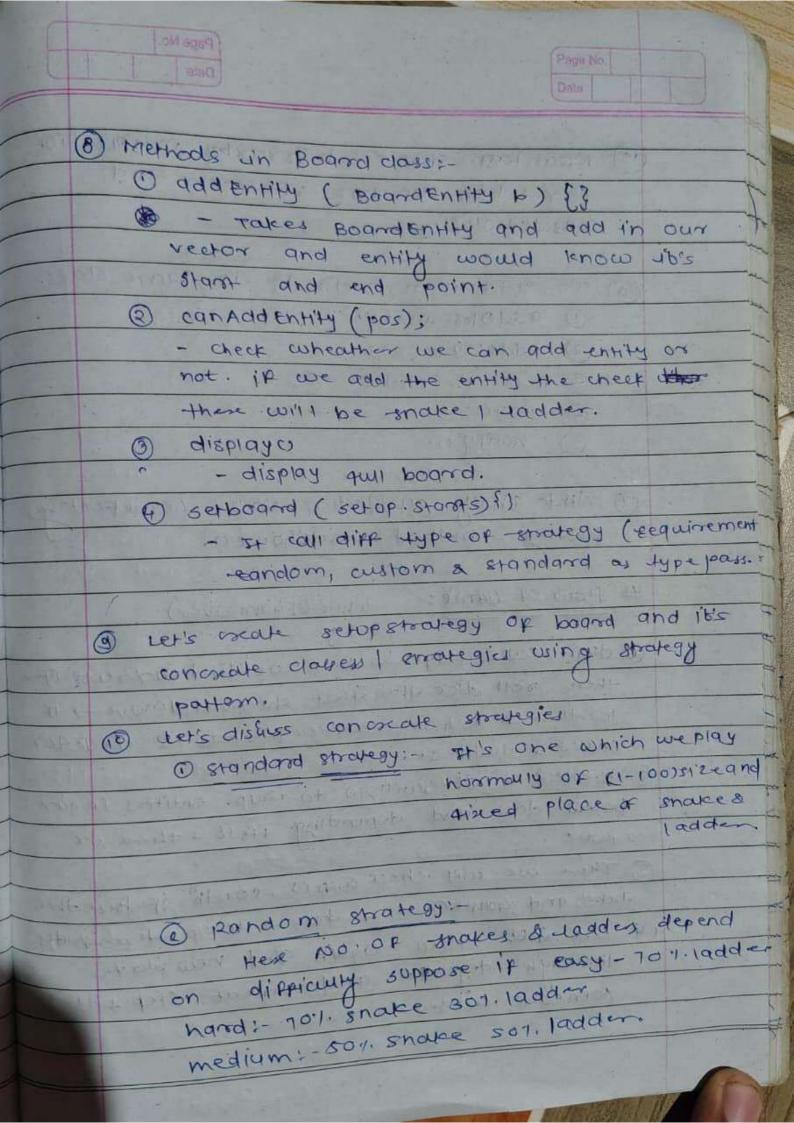
@ Now in our Board days we use map

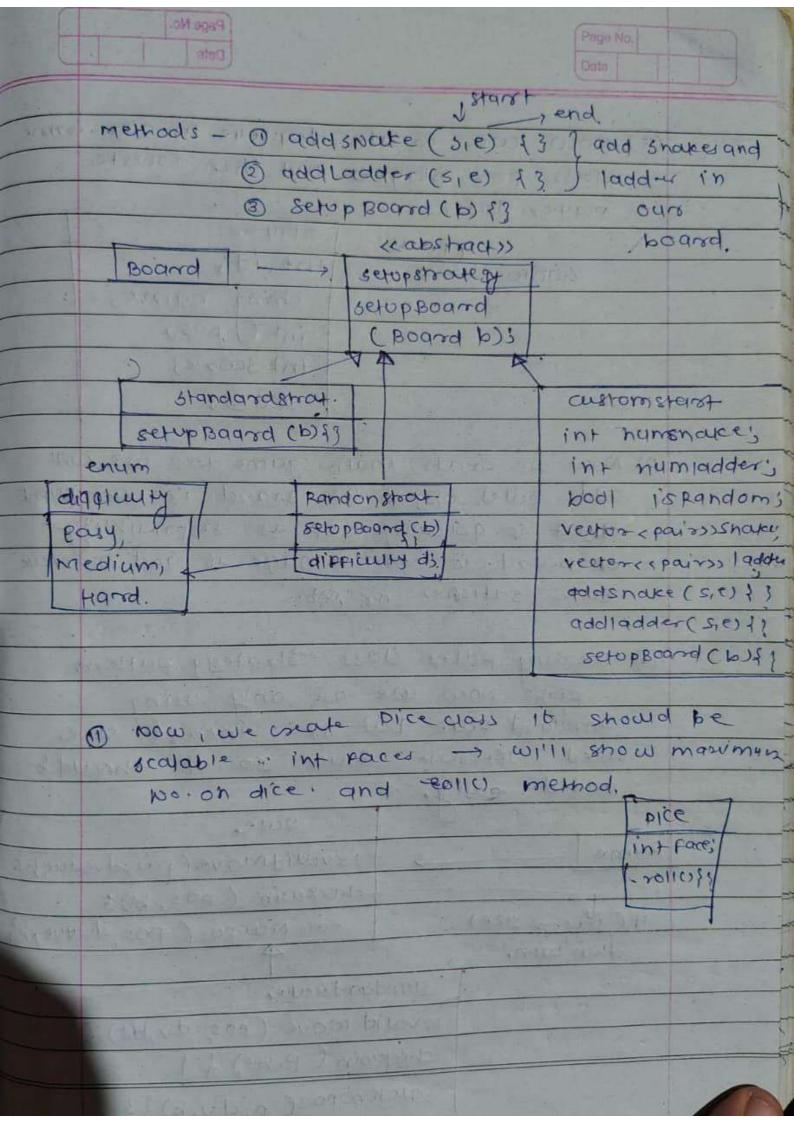
- map <int, Boardentity > mp;

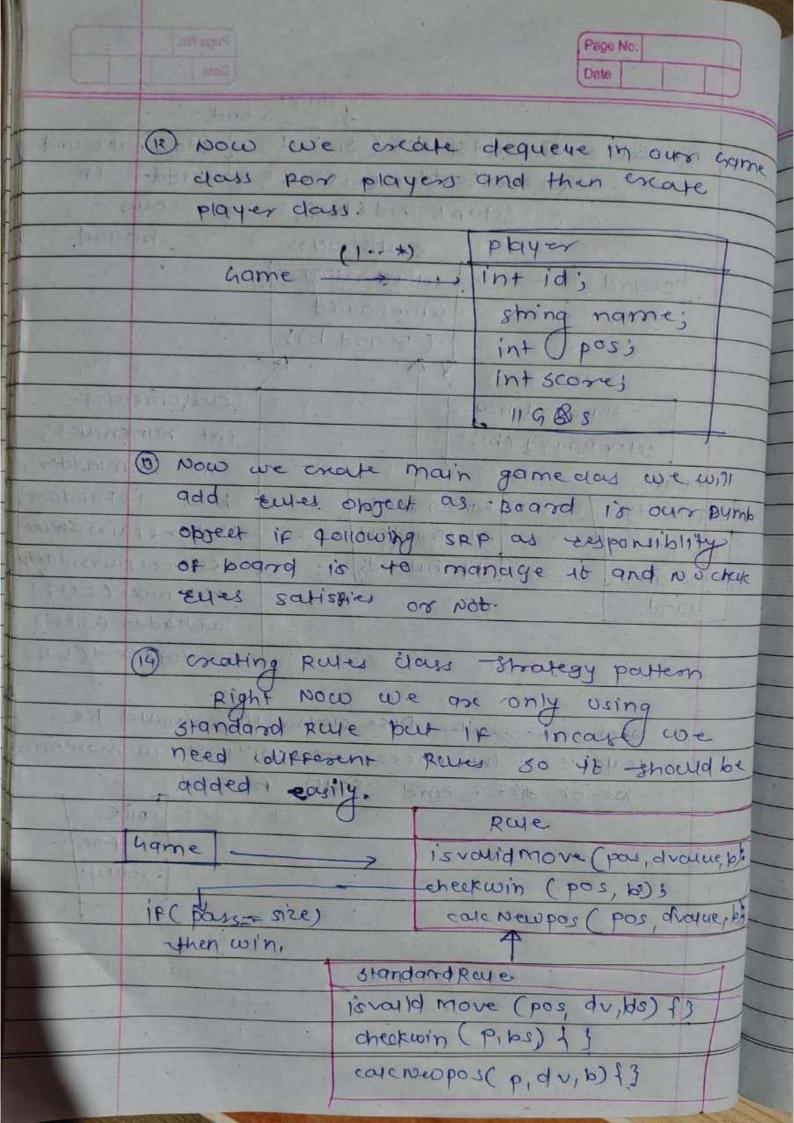
storing head and tail of index of

- snace & cladder.

D why not using ID? because we have stood size and we know it's continuous verice (1---size) so we no need to give eserge space.







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- Por which we use Jobsenser and consoleworthick
- (B) we add more methods to game dass.
 - add player (p);
- 3 book is Gameover es
 - @ play a; distributed of the sent

STATE OF

- 5 notify ().
- And ainally our factory class homefactory naving method cocatehame w.

To reposed that without

- # How of yame: while (! hameover)
- of client cours playor -> then we tind aurorent player than woll dice after that checkvalid move -> if yes their check por can new pass as to check for snake & haddens.
- poond down and depending in it's there or
- 3) There we will check wind condit it have then true and game over true a loop Herminates
- Through dequeue and repeat step till someone wins.