

종강 만들기 progress report

Game Rules

The rules of Suika Watermelon game very simple!
You have to make a bigger fruit by combining the two same small fruits such as Apple.

20221052 심규재



Cherries



Grapes



Strawberry



Orange



Apple



Pear



Dekopon



Peach



Pineapple



Melon



Watermelon

idea

- 'Suika game', Recently trending Nintendo Switch game
< <https://suikagame.com/> >
- To make one Big fruit by combining two equal type of small fruit.
- -> Our mission is to make '종강'

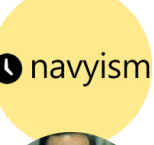
Hierarchy



• 개강(개 이미지, 소리x)



• 녹강(줌 이미지, 줌 소리)



• 수강(네이비즘 이미지, 네이비즘 소리)



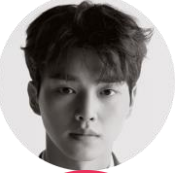
• 건강1(개비스콘 이미지, 개비스콘 CM 소리)



• 건강2(개비스콘 이미지, 개비스콘 CM 소리)



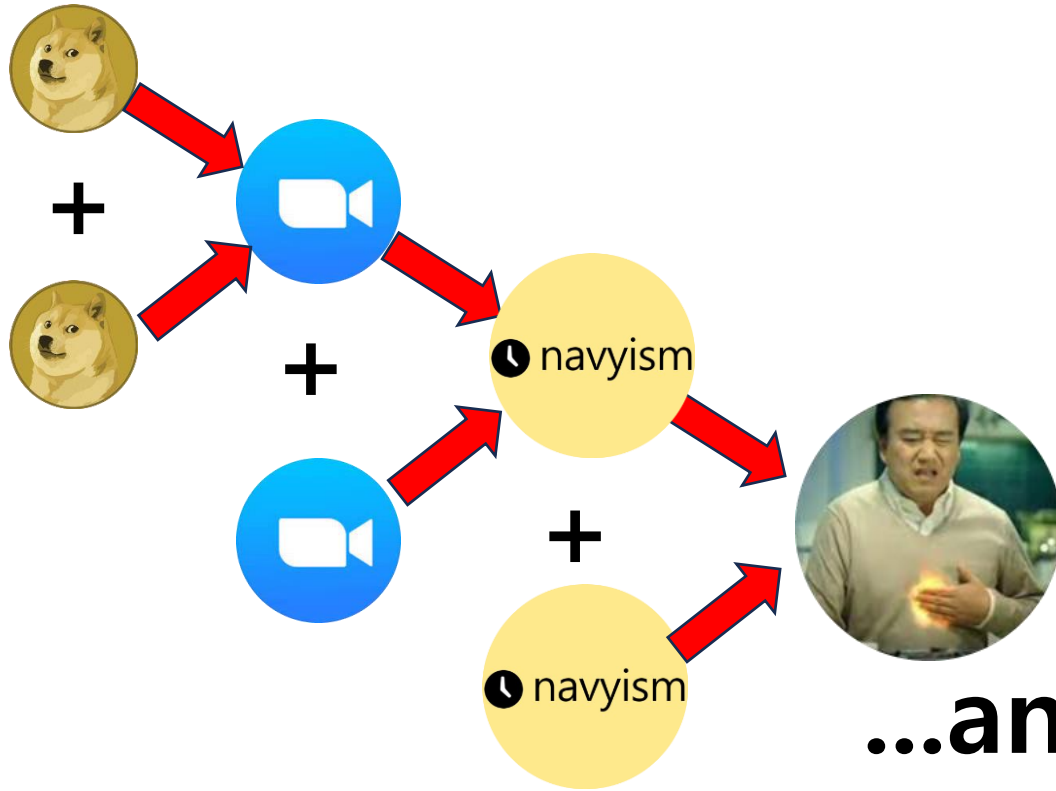
• 서강(학교 로고, 학교 종 소리)



• 송강(송강 이미지, 송강 주요 대사)

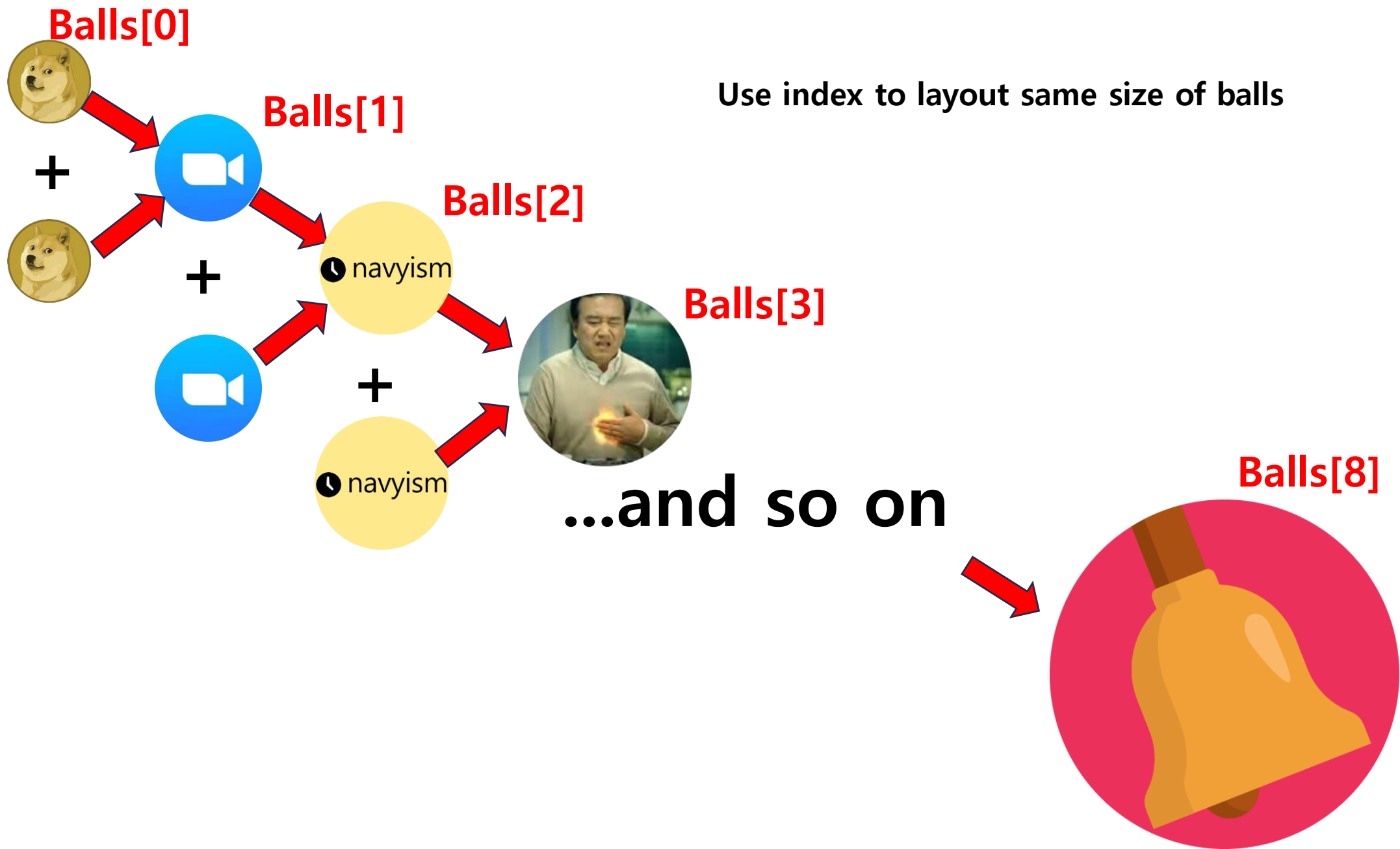


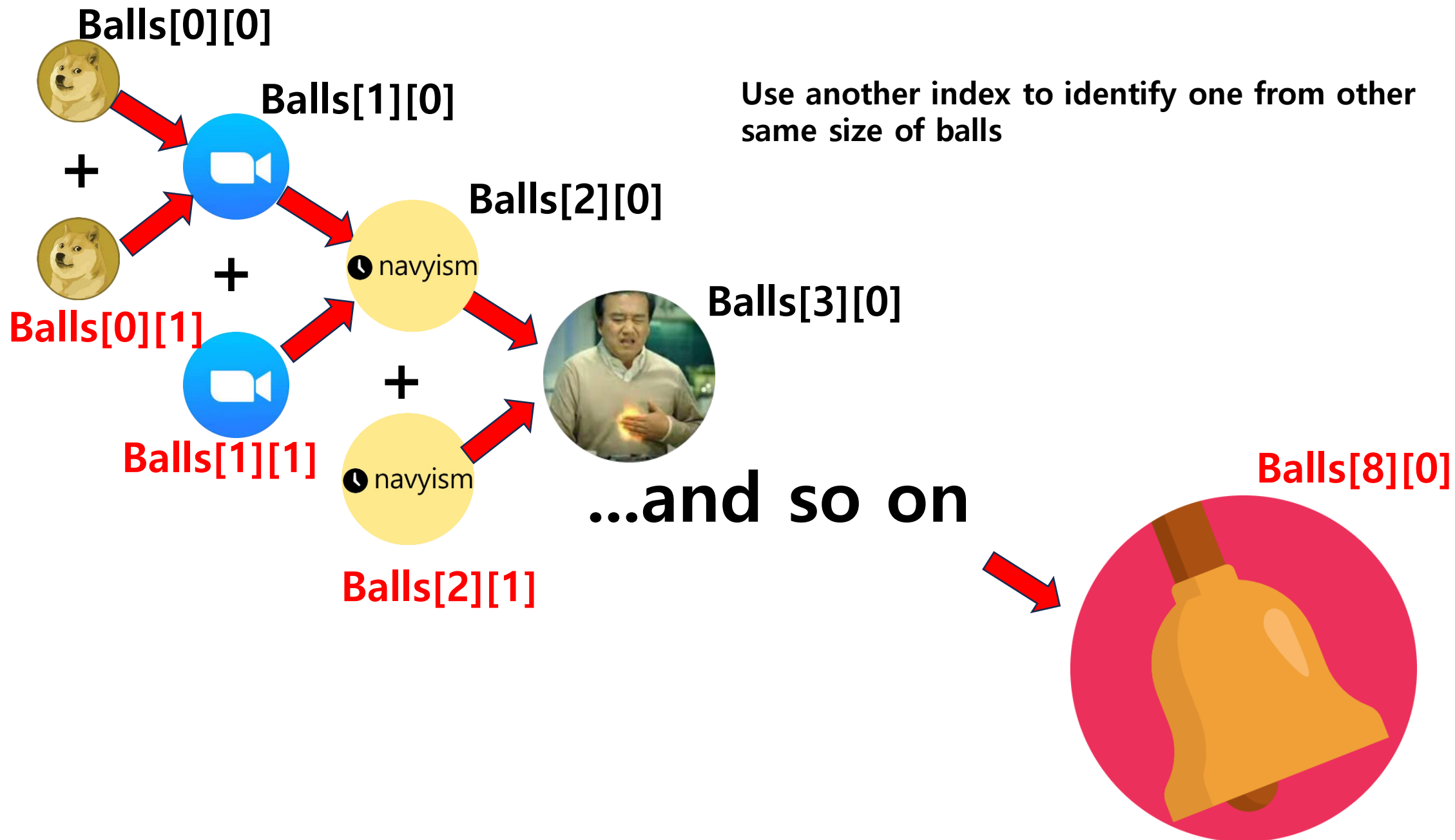
• 종강(종 이미지, 큰 종 소리)



...and so on





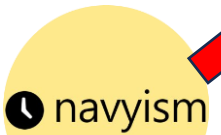


Use 3 nested for loop to check collision of same size of balls

Balls[2][0]



+



Balls[2][1]



Balls[3][0]

[i] loop searching

(int i = 0 ; i < 9 ; i++)

[i][j] loop searching

(int j = 0 ; j < len(Balls[i]) - 1 ; j++)

[i][k] loop searching

(int k = j+1 ; k < len(Balls[i]) ; k++)

CheckCollision(Balls[i][j], Balls[i][k])

CheckCollision(Balls[i][j], Balls[i][k])



Calculate distance by referring each ball instance's x, y coordination and radius

CheckCollision(Balls[i][j], Balls[i][k])



Remove two small balls from the [i] size list, and
add new [i+1] size ball instance to [i+1] size list