

example, text

↓ lead

< row column class >

- row Index
- col Index
- setRow
- setCol
- set Row Col (inRow, inCol)
- get Row
- get Col
- print Row Col

< terrain class >

- is water
 - is land
 - is impassable
 - is Start
 - is treasure
 - is discovered
 - ~~is ...~~
 - set is discovered
 - set is water
 - set is land
 - ;
 -
- Character

< Map class >

- vector < vector < terrain > > map (rows, vector < terrain > (cols, ?))
- Start ~~with~~
- treasure ~~with~~
- Set Terrain At Location
- Get Terrain At Location
- Print

<simulation class>
<public>

— Get option

— Read Map → price Map setting

— Investigation

—

<price>

— Map
— Captain - sentry : one or stack / male starter
: one or stack

— deck Sail Container

— deck Queue Container

— Sail Location

— Search Location

— Hunt Order : "N E S W"

— Ts verbose.

— Ts starts

— Ts Show path

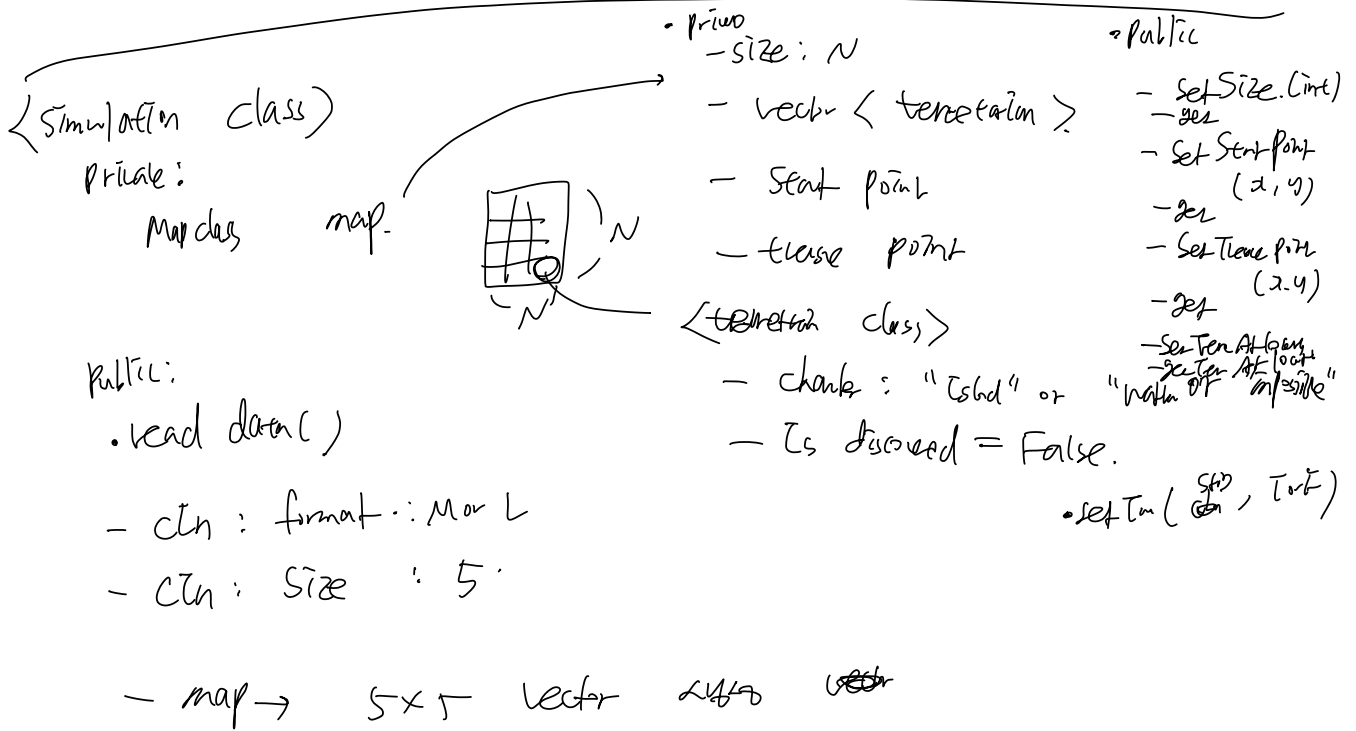
(Statistic values)

— total water locs Invest

— total land locs Invest

— total water ashore

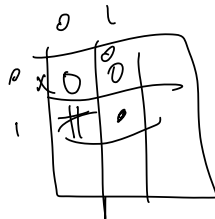
— total path length



if fort = M	if fort = L
<p>for i in 5</p> <p>for j in 5</p> <p>if input = 0</p> <p>setTerrain(isld, F)</p> <p>if input = # : setTerrain(isld, F), setTerrainCoordinate(i, j)</p> <p>if input = . or @</p> <p>setTerrain(water, F)</p> <p>if input = #</p> <p>setTerrain(impossible, F)</p>	

map.setTerrainAtPoint(i, j, terrainType)

→ map vector edge



2/2/2019

Sail-Container

Sail-Location

Search-Container

Search-Location

301 & Set_start_location

map.SetItem (start, the)
Sail-Container + start_location

○ Sail-Container : + start location

if (Sail-Container.empty)

② output

else
[Set - Sail (location)]
○ [Sail - location = Sail - Container . front ()
Sail - Container . remove ()
map View . SetItem At location (Sail - location , The)]

○ [Investigate - water places]

: hunt order = "NESW"

(for str in NESW)

if - if str = N

Traverse

Under
hunt
order

· $RC = \text{Row Column} (\text{Start_location}, \text{row} - 1, \text{Start_location.col})$

- if $\text{Start} = E$.

· $RC = \text{Row Column} (\text{Start_location}, \text{row}, \text{Start_location.col} + 1)$

- if $\text{Start} = W$

· $RC = \text{Row Column} (\text{Start_location}, \text{row} + 1, \text{Start_location.col})$

- if $\text{Start} = S$

· $RC = \text{Row Column} (\text{Start_location}, \text{row} - 1, \text{Start_location.col})$

check
valid

[check RC is valid]

Add
to
Conte

ppg)

- if valid & $\text{map.get}(\text{RC})$
 $\text{isPresent} = \text{false}$

- if $\text{map.get}(\text{RC})$ character
= Land

Search - Continue + RC.

$\text{map.put}(\text{RC}, \text{Tile})$

- else if channel = wave

Search-Controller + RC

mapView.searchTer(RC, true)

• [set - search (location)]

if search-Controller.empty.

do nothing output

else.

search-location = search-Controller.front()

search-Controller.pop

• [~~Post-Process~~ (ad - Image boxes)]

p) for str in (NEWS)

//

RC.

eg) check RC is valid range

ex) if valid & not discarded
↳ Level.

- Send content + PC
- map version. Set Ten (PC, T)
- If PC = \$,
end
output.

