游戏流程（简版，只有三个船，1x2，1x3两种）

斜体：提示词给用户的

红色指的是用户输入

*Player A: you are going to place the following ships (which are all rectangular). You have*

*2 "Submarines" that are 1x2 rectangles (represented by "s")*

*3 "Destroyers" that are 1x3 rectangles (represented by "d")*

*3 "Battleships" that are now shaped as shown below*

*b OR b bbb b*

*bbb bb OR b OR bb*

*b b*

*Up Right Down Left*

*2 "Carriers" that are now shaped as shown below*

*c c*

*c ccc c*

*cc OR ccc OR cc OR ccc*

*c c ccc*

*c c*

*Up Right Down Left*

*For Submarines and Destroyers, type the coordinate of the upper left side of the ship, followed by either H (for horizontal) or V(for vertical). For example M4H place a ship horizontally starting at M4 and going to the right.*

*For Battleships and Carriers, type the coordinate of the top left of the ship while followed by R（right）D（down）L（left）U（up）. For example M4U place a ship horizontallystarting at M4 and going to the up.*

*Player A where do you want to place a submarine?*

-------------------------------------------------------------------------

0|1|2|3|4|5|6|7|8|9

A | | | | | | | | | A

B | | | | | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

F | | | | | | | | | F

G | | | | | | | | | G

H | | | | | | | | | H

I | | | | | | | | | I

J | | | | | | | | | J

K | | | | | | | | | K

L | | | | | | | | | L

M | | | | | | | | | M

N | | | | | | | | | N

O | | | | | | | | | O

P | | | | | | | | | P

Q | | | | | | | | | Q

R | | | | | | | | | R

S | | | | | | | | | S

T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

--------------------------------------------------------------------------------

A0H

-------------------------------------------------------------------------

0|1|2|3|4|5|6|7|8|9

A |s| | | | | | | | A

B |s| | | | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

F | | | | | | | | | F

G | | | | | | | | | G

H | | | | | | | | | H

I | | | | | | | | | I

J | | | | | | | | | J

K | | | | | | | | | K

L | | | | | | | | | L

M | | | | | | | | | M

N | | | | | | | | | N

O | | | | | | | | | O

P | | | | | | | | | P

Q | | | | | | | | | Q

R | | | | | | | | | R

S | | | | | | | | | S

T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

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*Player A where do you want to place a submarine?*

-------------------------------------------------------------------------

0|1|2|3|4|5|6|7|8|9

A |s| | | | | | | | A

B |s| | | | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

F | | | | | | | | | F

G | | | | | | | | | G

H | | | | | | | | | H

I | | | | | | | | | I

J | | | | | | | | | J

K | | | | | | | | | K

L | | | | | | | | | L

M | | | | | | | | | M

N | | | | | | | | | N

O | | | | | | | | | O

P | | | | | | | | | P

Q | | | | | | | | | Q

R | | | | | | | | | R

S | | | | | | | | | S

T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

A0H

*Sorry, your coordinates collides with another ship, please input your coordinate again:*

A3H

0|1|2|3|4|5|6|7|8|9

A |s| |s| | | | | | A

B |s| |s| | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

F | | | | | | | | | F

G | | | | | | | | | G

H | | | | | | | | | H

I | | | | | | | | | I

J | | | | | | | | | J

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O | | | | | | | | | O

P | | | | | | | | | P

Q | | | | | | | | | Q

R | | | | | | | | | R

S | | | | | | | | | S

T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

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*Player A where do you want to place a Destroyer?*

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A8V

*Sorry, your ship is going off the grid, please input your coordinate again:*

A6V

0|1|2|3|4|5|6|7|8|9

A |s| |s| |d|d|d| | A

B |s| |s| | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

F | | | | | | | | | F

G | | | | | | | | | G

H | | | | | | | | | H

I | | | | | | | | | I

J | | | | | | | | | J

K | | | | | | | | | K

L | | | | | | | | | L

M | | | | | | | | | M

N | | | | | | | | | N

O | | | | | | | | | O

P | | | | | | | | | P

Q | | | | | | | | | Q

R | | | | | | | | | R

S | | | | | | | | | S

T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

*经过无数轮之后，a结束放置*

*B同样经过放置，结束，进入攻击环节。*

*Player A’s turn:*

*Your ocean*

0|1|2|3|4|5|6|7|8|9

A |s| |s| |d|d|d| | A

B |s| |s| | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

F | | | | | | | | | F

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Q | | | | | | | | | Q

R | | | | | | | | | R

S | | | | | | | | | S

T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

*Player B’s ocean*

0|1|2|3|4|5|6|7|8|9

A | | | | | | | | | A

B | | | | | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

F | | | | | | | | | F

G | | | | | | | | | G

H | | | | | | | | | H

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O | | | | | | | | | O

P | | | | | | | | | P

Q | | | | | | | | | Q

R | | | | | | | | | R

S | | | | | | | | | S

T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

*Player A, what would you like to do?*

*F Fire at a square*

*M Move a ship to another square (2 remaining)*

*S Sonar scan (1 remaining)*

F

*-------------------------------------------------------------------------*

*Player A where do you want to fire?*

*-------------------------------------------------------------------------*

A0

*-------------------------------------------------------------------------*

*You hit a carrier!*

*-------------------------------------------------------------------------*

*Your ocean*

0|1|2|3|4|5|6|7|8|9

A |s| |s| |d|d|d| | A

B |s| |s| | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

F | | | | | | | | | F

G | | | | | | | | | G

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J | | | | | | | | | J

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M | | | | | | | | | M

N | | | | | | | | | N

O | | | | | | | | | O

P | | | | | | | | | P

Q | | | | | | | | | Q

R | | | | | | | | | R

S | | | | | | | | | S

T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

*Player B’s ocean*

0|1|2|3|4|5|6|7|8|9

A d| | | | | | | | | A

B | | | | | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

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0|1|2|3|4|5|6|7|8|9

*Player B’s turn:*

*Your ocean*

0|1|2|3|4|5|6|7|8|9

A |\*| | | | | | | | A

B | | | | | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

F | | | | | | | | | F

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N | | | | | | | | | N

O | | | | | | | | | O

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Q | | | | | | | | | Q

R | | | | | | | | | R

S | | | | | | | | | S

T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

*Player A’s ocean*

0|1|2|3|4|5|6|7|8|9

A | | | | | | | | | A

B | | | | | | | | | B

C | | | | | | | | | C

D | | | | | | | | | D

E | | | | | | | | | E

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T | | | | | | | | | T

0|1|2|3|4|5|6|7|8|9

*Player B, what would you like to do?*

*F Fire at a square*

*M Move a ship to another square (2 remaining)*

*S Sonar scan (1 remaining)*

F

*-------------------------------------------------------------------------*

*Player B where do you want to fire?*

*-------------------------------------------------------------------------*

A0

*-------------------------------------------------------------------------*

*You hit a carrier!*

*-------------------------------------------------------------------------*

然后无数轮之后，b的船全部被击沉，

A wins!

A wins!

退出游戏