package battleship;

public class Side {

protected int[][] board, oBoard;

protected int[] boats = new int[] {2,3,4,5};

/\* Index: 0 1 2 3

\* Boat length: 2 3 4 5

\* Boat number: 1 2 3 4

\*/

protected boolean[] oBoats = new boolean[4];

public void decrement(int x, int y) {

if (board[x][y]!=0) {

boats[board[x][y]-1]--;

}

}

public int hitOrMiss(int x, int y) {

if (board[x][y]!=0) {

if (boats[board[x][y]-1]==0) {

return board[x][y]+10; //Sink

}

return 1; //Hit

} else {

return 0; //Miss

}

} public int[][] getOwnBoard(){

return board;

} public void setOShips(int[][] brd) {

oBoard=brd;

} public void print() {

System.out.println("\n\nMy board:");

for (int[] i:board) {

for (int j:i) {

if (j==0) {

System.out.print(". ");

} else {

System.out.print(j+" ");

}

}System.out.println("");

}

System.out.println("Opponent's board:");

for (int[] i:oBoard) {

for (int j:i) {

if (j==0) {

System.out.print(". ");

} else {

System.out.print(j+" ");

}

}System.out.println("");

}

} public boolean lose() {

int s=0;

for (int i=0; i<4; i++) {

s+=boats[i];

} return s==0;

}

}