// Dayside basics // Jason Kim, Derek Song 1 UML Diagram 1 APCSI - pd. 1 Player (Abstract) #String[][] -grid \* (ship name) # String [][] - opp Grid # int \_ shipe Alive represents the # int \_ (Ship name) HP 5 different ships # boolean - playing # String - last ship Hit Carrier, Bottleship, Cruisor, Submarine, + get (ship name) HP () + get Ships Alive () Destroyer. + set (ship name) +17 () + set Ships Alice () + setPlaying () + void set Grid () + boolean check() t abstract void attack-Opponent (Player opp) tabstruct word place(ship name) Advanced AI Beginner A I Human old Row, old Col troid attack Opponent # in+ + String to String() row, col # int (Player opp) # int ron Attempts + int letter To Int (String let) tuoid place (ship name) # int turn count + void place(ship name) () # ArrayList (ship name) Coor Row # ArrayList (ship name)(oor (o) troid attack Opponent # boolean corrently Finishing ( Player opp) tuoid attack opponent (Player of P) t void place(ship name) () tint even or odd (intr) + void center(oor() + boolean fivexH () + void row (hange () + Int' coorfortif R() 4 int coor For Hit (1) + word coor Fortlit () tint check Direction ()