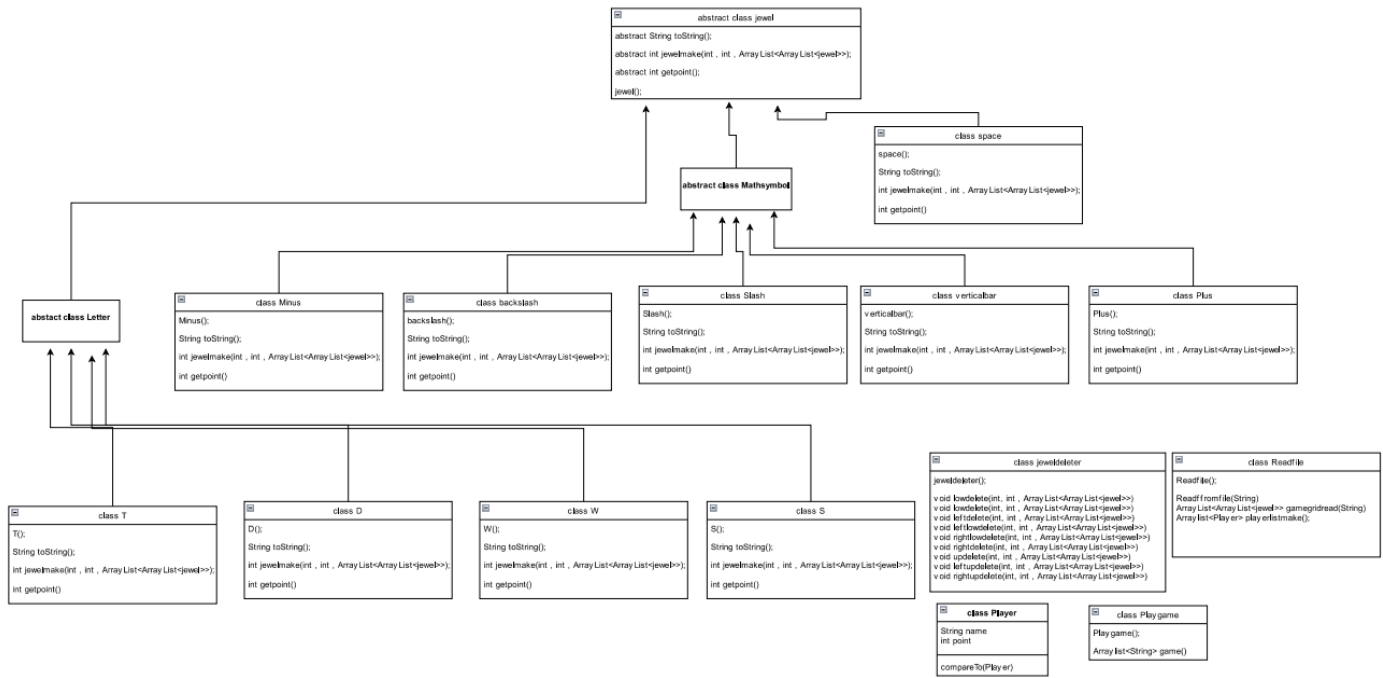


PROGRAMMING ASSIGNMENT 3 REPORT



In this assignment I make abstract class jewel and two subclass mathsymbol and Letter. Class T,D,S,W are subclass of Letter, Class minus,slash,backslash,plus and verticalbar are subclass of Mathsymbol. Also I make space class that is also subclass of jewel. All jewels have common methods these are toString, jewelmake, getpoint. ToString method prints the symbol of jewel (D for D class, "-" for minus class), I use this for printing grid and check whether they are same or not. I make 2x2 arraylist for grid. After making grid, I take commands and use jewel make method. This method checks the condition of selected jewel, (three diagonal for D, etc). If there is a true condition then use Jeweldeleter methods for this condition for every direction there is a method for delete jewel.

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