Assignment 1 Intersection of two lines

Figure out a function that calculate the intersect point of two line object.  
1. You need to define point class and line class,  
2. Create two instances of line class.  
3. Write algorithm to get the intersect point and print output  
  
if you have problem to finish all of them in one day. Do the first two step and write pseudo code (which is fine to have errors, make sure the logic is clear and correct)

**public** **class** Intersection { //declare a class named Intersection//

**class** Lines { //declare a class named of lines named ‘Lines’//

**public** **void** main(String[] args){ //declare a main method composed by arrays of strings, which returns no value //

String horizontle; //1st instance variable of class Lines, named ‘horizontle’//

String vertical; //2nd instance variable of class Lines, named ‘verticle’//

Lines lineA = **new** Lines(); //create a line lineA//

Lines lineB = **new** Lines(); //create a line lineB//

}

}

**class** Points{ //declare a class of points, named ‘Points’//

Intersection point = **new** Intersection(); //create a point//

point.coordinate(); //define a method of point//

}

}

**public** **void** coordinate() { //explain the argument of method coordinate//

}

}