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| package grafkom;  class Point{  float x;  float y;  }  class Line {  Point awal;  Point akhir;  }  public class nomorsatuA {  static Point MakePoint (float x, float y){  Point temp = new Point();  temp.x = x;  temp.y = y;  return temp;  }    static void TulisPoint (Point P){  System.out.println("(" + P.x +", " + P.y +")");  }    static Line MakeLine (Point a, Point b){  Line temp = new Line ();  temp.a = a;  temp.b = b;  return temp;  }    static void TulisLine (Line L){  System.out.println("(" + L.awal.x + ", " + L.awal.y + ")-----(" + L.akhir.x + ", " + L.akhir.y + ")");  }    static double HitungJarak (Line L){  double jarak = Math.sqrt(Math.pow(L.akhir.x - L.awal.x,2)+(Math.pow(L.akhir.y - L.awal.y,2)));  return jarak;  }          public static void main(String[] args) {  Point A = MakePoint (4,2);  Point B = MakePoint (3,6);  Point C = MakePoint (4,8);    Line Q = MakeLine(A,B);  Line R = MakeLine(B,C);  Line S = MakeLine(C,A);    double JarakAB = HitungJarak(Q);  double JarakBC = HitungJarak(R);  double JarakCA = HitungJarak(S);    System.out.println(JarakAB + ", " + JarakBC + ", " + JarakCA);    //assume that line Q = A, R = B, S = C  double Keliling = JarakAB + JarakBC + JarakCA;  double tempS = Keliling/2;  double Luas = Math.sqrt(tempS\*(tempS-JarakAB)\*(tempS - JarakBC)\*(tempS - JarakCA));    System.out.println(Luas);    if ((JarakAB<JarakBC)||(JarakAB<JarakCA)){  System.out.println("tidak terbuat segitiga(Garis tidak menyatu");  }  if ((JarakBC<JarakAB)||(JarakBC<JarakCA)){  System.out.println("tidak terbuat segitiga(Garis tidak menyatu");  }  if ((JarakCA<JarakAB)||(JarakCA<JarakBC)){  System.out.println("tidak terbuat segitiga(Garis tidak menyatu");  }  else{  System.out.println("Membentuk segitiga");  }    }    } |

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| package grafkom;  public class nomorsatuB {  static Point MakePoint (float x, float y){  Point temp = new Point();  temp.x = x;  temp.y = y;  return temp;  }    static void TulisPoint (Point P){  System.out.println("(" + P.x +", " + P.y +")");  }    static Line MakeLine (Point a, Point b){  Line temp = new Line ();  temp.awal = a;  temp.akhir = b;  return temp;  }    static void TulisLine (Line L){  System.out.println("(" + L.awal.x + ", " + L.awal.y + ")-----(" + L.akhir.x + ", " + L.akhir.y + ")");  }    static double HitungJarak (Line L){  double jarak = Math.sqrt(Math.pow(L.akhir.x - L.awal.x,2)+(Math.pow(L.akhir.y - L.awal.y,2)));  return jarak;  }    public static void main(String[] args){  Point a = MakePoint (3,4);  Point b = MakePoint (6,4);  Point c = MakePoint (6,0);  Point d = MakePoint (3,0);    Line A = MakeLine(a,b);  Line B = MakeLine(b,c);  Line C = MakeLine(c,d);  Line D = MakeLine (d,a);      }  } |