public double getAverageLength(Shape s) {

double length = getPerimeter(s);

int NPoints= getNumPoints(s);

double ALength=length/NPoints;

// Put code here

return ALength;

}

public int getNumPoints (Shape s) {

// Put code here

int NumPoints=0;

for(Point currPt:s.getPoints())

{NumPoints=NumPoints+1;

}

return NumPoints;

}

public double getLargestSide(Shape s) {

double prevDist=0;

Point prevPt=s.getLastPoint();

for(Point currPt: s.getPoints())

{

double currDist=prevPt.distance(currPt);

if(currDist>prevDist)

{prevDist=currDist;}

prevPt=currPt;

}// Put code here

return prevDist ;

}