public class GradeBook{

private double[] scores;

private int scoresSize;

public GradeBook(int capacity){

scores = new double[capacity];

scoresSize = 0;

}

//Task1

//---------------------------------------------------

public int getScoreSize(){

return this.scoresSize;

}

*@Override*

public String toString(){

String scoreString = "";

for(int i=0;i<scoresSize;i++){

scoreString += Double.*toString*(scores[i]) + " ";

}

return scoreString;

}

//---------------------------------------------------

public boolean addScore(double score){

if(scoresSize<scores.length){

scores[scoresSize] = score;

scoresSize++;

return true;

}

else

return false;

}

public double sum(){

double total = 0;

for(int i=0;i<scoresSize;i++){

total = total + scores[i];

}

return total;

}

public double minimum(){

if(scoresSize==0)

return 0;

double smallest = scores[0];

for(int i=1;i<scoresSize;i++){

if(scores[i]<smallest){

smallest = scores[i];

}

}

return smallest;

}

public double finalScore(){

if(scoresSize==0)

return 0;

else if(scoresSize==1)

return scores[0];

else

return sum()-minimum();

}

}