public class Student {

/\* Instance Variables \*/

private String firstName;

private String lastName;

private int gradYear;

private double accumulatedTestScores;

private int testScoreCount;

/\* Constructor; see note below \*/

public Student(String firstName, String lastName, int gradYear) {

this.firstName = firstName;

this.lastName = lastName;

this.gradYear = gradYear;

accumulatedTestScores = 0.0;

testScoreCount = 0;

}

/\* Getter Methods \*/

// returns firstName

public String getFirstName() {

return firstName;

}

// returns lastName

public String getLastName() {

return lastName;

}

/\* Setter Methods \*/

// Sets gradYear to newGradYear

public void setGradYear(int newGradYear) {

gradYear = newGradYear;

}

/\* All Other Methods \*/

// Adds newTestScore to accumulatedTestScores

// and increments testScoreCount by 1

public void addTestScore(double newTestScore) {

accumulatedTestScores += newTestScore;

testScoreCount++;

}

// Returns true if the student’s average test score is greater

// than or equal to 65; returns false otherwise (see Note 2 below)

public boolean isPassing() {

if (averageTestScore() >= 65) {

return true;

} else {

return false;

}

}

// Returns the Studentâ€™s average test score as the

// quotient of accumulatedTestScores and testScoreCount

public double averageTestScore() {

double average = accumulatedTestScores / testScoreCount;

return average;

}

// this method prints all info of a Student object to the console

public void printStudentInfo() {

System.out.println("Student Full Name: " + firstName + " " + lastName);

System.out.println("Graduation Year: " + gradYear);

System.out.println("Number of tests: " + testScoreCount);

System.out.println("Average Test Score: " + averageTestScore());

System.out.println("Is passing: " + isPassing());

}

}