**44-542 Object Oriented Programming**

**Classes 01 KEY**

1. What are the attributes of a Student object?

Name, total points earned, total points possible

1. How many constructors are defined for the Student class?

Two

1. What is the type of the second parameter of the second constructor?

int

1. Does the method addScore() return a value?

No

1. What is the return type of the average() method?

double

1. What is the prototype of the getName() method?

public String getName()

1. What is the signature of the addScore() method?

addScore(int, int)

1. Find the output if we execute the code below:

Student s1 = new Student( "Ann" );

Student s2 = new Student( "Bill", 176, 200 );

System.out.println( s1.getName() );

System.out.println( s2.average() );

**Output**

**Ann**

**88.0**

1. Find the output if we execute the code below:

Student s = new Student( "Heather" );

s.addScore( 87, 100 );

s.addScore( 19, 20 );

s.addScore( 60, 75 );

System.out.println( s.getName()

+ " has an average of "

+ s.average() );

**Output**

Heather has an average of 85.128205