**Java**

**Methods**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Create one program that contains each of these methods. Test them in the main method. Then answer the questions.**

**Method Descriptions:**

**1)** No parameters. Prints out your name.

**2)** One int as a parameter. Prints the square root of that int.

**3)** Two ints as parameters. Returns the average of the ints.

**4)** Two doubles as parameters. Returns the larger of the two.

**5)** Two Strings as parameters. Returns the String that contains all of the characters of the original Strings alternating between each one.

For example; if the first String is apple and the second is banana your method should

return abpapnlaena