# 09 Exam Review

## Pass by value vs pass by reference

Write down the output of this program:

int age=32;

void rejuvenate(int x) {

x = x / 2;

}

void setup() {

println(age);

rejuvenate(age);

println(age);

}

Write down the output of this program:

class Person {

public String name;

}

void accentuate(Person p) {

p.name = "\*\* "+p.name+" \*\*";

}

void setup() {

Person john = new Person();

john.name = "John";

println(john.name);

accentuate(john);

println(john.name);

}

## Methods vs. Functions

Write down the output of this program:

void play() {println("play function");}

class Game {

public void play() {println("play method"); }

}

void setup() {

play();

Game game = new Game();

play();

game.play();

}