Homework for Mini-Sorta of Vacation from Mr. Nilan

 Due Thursday Nov 14th by 5PM - Working – counts as Test grade

public class Homework // not a group assignment – do on your own

 { private int [] ar;

 public Homework(int num )

 {ar = new int[num]; // constructs array

 fill(); // array gets filled on construction – fill with numbers 1 - 1000

 )

public void fill() // fill the array

{}

public void print()

{}

public int getSmallest()

 {}

public int getSecondSmallest() // you may assume that all numbers are unique – no duplicates

 // you may (and should use getSmallest)

public double getAverageOfOdd() // get average of odd number

 {}

public void makeAllBiggerBy50Percent() // all numbers get increased by 50% 5 -> 7 10 ->15 9 > 13

 {}

private boolean isPrime(int n) // receives a number and returns a true or false

 {}

public void printPrimeNumbersinArray() // use isPrime function

{}

public void sort() // use your notes to get selection sort working – put numbers in order

 {}

public int countBigger() // return how many numbers in the array are bigger than the one below it

 {}

public boolean isThere(int n) // returns true if n is in the array

 {}

}

import java.util.Scanner;

public class tester {

static Scanner in = new Scanner(System.in);

public static void main() {

Homework h = new Homework(10);

h.print();

// test all member functions in here – except isPrime which is private

}

}