

# HW 4

1) public class Homework4 {

    public static void main(String[] args) {

        GregorianCalendar c = new GregorianCalendar();

        displayDate(c);

        calendar.setTimeInMillis(1234567898765L);

        displayDate(c);

}

    public static void displayDate(GregorianCalendar c) {

        int year = c.get(GregorianCalendar.YEAR);

        int month = c.get(GregorianCalendar.MONTH);

        int day = c.get(GregorianCalendar.DAY\_OF\_MONTH);

        System.out.println("Date: " + month + "/" + day + "/" + year);

    }

    return -1;

2)

requires a in val

return index i such  
that a[i] = val

No requirement

can return -1

Find 4

requires a in  
val exactly one

Find 1

findStronger 3

(return max)

return lowest index

FindStronger 2

- Z X C V B N M < > ?
- 3) No problems. The main method exists inside the Circle class so the radius class variable can be called even though it is private.
- 4) Spec C does not do any actual comparison or checking. As long as it has valid input, it returns true. Spec A is the most robust, as long as there is no RunTimeError on the method call then it will check the input and return true or false. Spec B is only usable in specific instances and requires checking the input before it is passed into the Spec