

COMP/EECE 7012  
**Programming Skills Test 1a**  
Spring 2014

Name: \_\_\_\_\_

**Rules:**

- No potty breaks.
- Turn off cell phones/devices.
- Closed book, closed note, closed neighbor.

**Reminders:**

- Don't forget to write your name.
- Read each question carefully.
- Don't forget to answer every question.

**Additional Items:**

- For questions that involve writing code:
  - You may omit `import` statements.
  - You may omit exception-handling code.





3. [10pts] Complete the main method below such that the hours for day 2 are set to 3.5, the hours for day 5 are set to 2.3, and the pay is computed and stored in the existing variable `pay`.

```
public class TimeSheet {  
  
    private float[] hoursPerDay = new float[7]; // One float per weekday.  
  
    public TimeSheet() { // Initialize each day to 0.  
        for (int i = 0; i < 7; ++i) { hoursPerDay[i] = 0.0; }  
    }  
  
    public void setHours(int day, float hours) {  
        hoursPerDay[day] = hours;  
    }  
  
    public float computePay(float rateOfPay) {  
        float result = 0f;  
        for (int i = 0; i < 7; ++i) {  
            result += hoursPerDay[i];  
        }  
        result *= rateOfPay;  
        return result;  
    }  
  
    public static void main( String args[] ) {  
        TimeSheet timeSheet = new TimeSheet();  
        float pay = 0.0;
```

```
        System.out.println("Pay: " + pay);  
    }  
}
```