

Mr. Fahrenbacher  
AP Computer Science A  
OOP Review

1) Below is a skeleton of a RunningLog class. Here are the components you should add by hand:

- represent the total days, minutes, and miles that a Runner has run
  - Example: last month I ran on 22 days for 728 minutes and covered 141 miles.
- create an appropriate constructor for creating a blank RunningLog
- create an appropriate constructor for creating a RunningLog with a given number of days, minutes, and miles
- finish the four instance methods

```
public class RunningLog  
{
```

```
    //increase the minutes and miles ran based on the inputs  
    //increases the days ran by 1  
    public void updateLog(int min, int mi) {
```

```
    }
```

```
    //gets the total number of miles run  
    public int getMiles() {
```

```
    }
```

```
    //calculates the average number of miles run in a day  
    public double getDailyMileage() {
```

```
    }
```

```
//prints the average pace of the runner (minutes and seconds in a mile)
```

```
//Example: 50 minutes over 6 miles would be 8:20 pace
```

```
public void printPace() {
```

```
}
```

```
}
```

3) In this Driver, perform the following tasks:

- Create a blank RunningLog object
- Go for a 6 miles run that takes 50 minutes
- Go for an 8 mile run that takes 65 minutes
- Ask the RunningLog for the daily mileage and store that value in a variable
- Tell the RunningLog to print the pace

```
public class Driver
```

```
{
```

```
    public static void main(String[] args)
```

```
    {
```

```
    }
```

```
}
```