

2019 AP® COMPUTER SCIENCE A FREE-RESPONSE QUESTIONS

Write the complete `StepTracker` class, including the constructor and any required instance variables and methods. Your implementation must meet all specifications and conform to the example.

```
public class StepTracker {
```

```
    private int minSteps;  
    private int totalDays;  
    private int totalSteps;  
    private int activeDays;
```

```
    public StepTracker(int min) {
```

```
        this.minSteps = min;  
        this.totalDays = 0;  
        this.totalSteps = 0;  
        this.activeDays = 0;
```

```
    }
```

```
    public void addDailySteps(int steps) {
```

```
        totalSteps = totalSteps + steps;  
        totalDays++;
```

```
        if (steps >= minSteps) {  
            activeDays++;
```

```
        }
```

```
    public int activeDays() {
```

```
        return activeDays;
```

```
    }
```

```
    public double averageSteps() {
```

```
        if (totalDays == 0) {  
            return 0.0;
```

```
        }
```

```
        else {
```

```
            return (double) (totalSteps) / totalDays;
```

```
        }
```

```
    } // end class
```

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