CS 5040 (Dr. Shaffer): Project 1: try #9 (10.0/100.0)

src/Record.java

View: [Overall summary of results ⌄]   (**Go**)

---

1 ` public class Record { `

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The Javadoc for this class or interface is missing. All visible (i.e. not private) classes and interfaces must be documen

2 `     int ID; `

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The Javadoc for this field is missing. All visible (i.e. not private) fields require a Javadoc comment. Describe the purpo
constant, it should be private.

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The field 'ID' should be declared private. Only constants (static final fields) are allowed to be public. If this field is int

3 `     String Title; `

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The Javadoc for this field is missing. All visible (i.e. not private) fields require a Javadoc comment. Describe the purpo
constant, it should be private.

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The field 'Title' should be declared private. Only constants (static final fields) are allowed to be public. If this field is

4 `     String Date; `

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The Javadoc for this field is missing. All visible (i.e. not private) fields require a Javadoc comment. Describe the purpo
constant, it should be private.

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

Error [Checkstyle]: 0 (limit exceeded)

The field 'Date' should be declared private. Only constants (static final fields) are allowed to be public. If this field is

```
5        int Length, Cost;
```

Error [Checkstyle]: 0 (limit exceeded)

The Javadoc for this field is missing. All visible (i.e. not private) fields require a Javadoc comment. Describe the purpo constant, it should be private.

Error [Checkstyle]: 0 (limit exceeded)

To make the code more readable, place each variable or field in its own declaration on a separate line.

Error [Checkstyle]: 0 (limit exceeded)

Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

Error [Checkstyle]: 0 (limit exceeded)

The field 'Length' should be declared private. Only constants (static final fields) are allowed to be public. If this field

Error [Checkstyle]: 0 (limit exceeded)

Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

Error [Checkstyle]: 0 (limit exceeded)

The field 'Cost' should be declared private. Only constants (static final fields) are allowed to be public. If this field is

```
6        short X, Y;
```

Error [Checkstyle]: 0 (limit exceeded)

The Javadoc for this field is missing. All visible (i.e. not private) fields require a Javadoc comment. Describe the purpo constant, it should be private.

Error [Checkstyle]: 0 (limit exceeded)

To make the code more readable, place each variable or field in its own declaration on a separate line.

Error [Checkstyle]: 0 (limit exceeded)

Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

Error [Checkstyle]: 0 (limit exceeded)

The field 'X' should be declared private. Only constants (static final fields) are allowed to be public. If this field is inte

Error [Checkstyle]: 0 (limit exceeded)

Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

Error [Checkstyle]: 0 (limit exceeded)

The field 'Y' should be declared private. Only constants (static final fields) are allowed to be public. If this field is inte

```
7        String Description, Keywords;
```

Error [Checkstyle]: 0 (limit exceeded)

The Javadoc for this field is missing. All visible (i.e. not private) fields require a Javadoc comment. Describe the purpo

constant, it should be private.

☐ **Error [Checkstyle]: 0 (limit exceeded)**
To make the code more readable, place each variable or field in its own declaration on a separate line.

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The field 'Description' should be declared private. Only constants (static final fields) are allowed to be public. If this final.

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The field 'Keywords' should be declared private. Only constants (static final fields) are allowed to be public. If this fie

```
8        int Size;
```

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The Javadoc for this field is missing. All visible (i.e. not private) fields require a Javadoc comment. Describe the purpo constant, it should be private.

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Fields should be named in camelCase where the name starts with a lowercase letter and the first letter of each subs

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The field 'Size' should be declared private. Only constants (static final fields) are allowed to be public. If this field is i

```
9        boolean deleted;
```

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The Javadoc for this field is missing. All visible (i.e. not private) fields require a Javadoc comment. Describe the purpo constant, it should be private.

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The field 'deleted' should be declared private. Only constants (static final fields) are allowed to be public. If this field

```
10

11       public Record(int ID, String Title, String Date, int Length, sho
```

☐ **Error [Checkstyle]: 0 (limit exceeded)**
This line is longer than 80 characters. Break it into multiple lines so that it is easier to read.

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The Javadoc for this method or constructor is missing. All visible (i.e. not private) methods and constructors must b

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Parameters should be named in camelCase where the name starts with a lowercase letter and the first letter of each

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Parameters should be named in camelCase where the name starts with a lowercase letter and the first letter of each

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Parameters should be named in camelCase where the name starts with a lowercase letter and the first letter of each

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Parameters should be named in camelCase where the name starts with a lowercase letter and the first letter of each

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Parameters should be named in camelCase where the name starts with a lowercase letter and the first letter of each

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Parameters should be named in camelCase where the name starts with a lowercase letter and the first letter of each

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Parameters should be named in camelCase where the name starts with a lowercase letter and the first letter of each

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Parameters should be named in camelCase where the name starts with a lowercase letter and the first letter of each

```
12              String Keywords) {
```

☐ **Error [Checkstyle]: 0 (limit exceeded)**
Parameters should be named in camelCase where the name starts with a lowercase letter and the first letter of each

```
13          this.ID = ID;

14          this.Title = Title;

15          this.Date = Date;

16          this.Length = Length;

17          this.X = X;

18          this.Y = Y;
```

```
19          this.Cost = Cost;

20          this.Description = Description;

21          this.Keywords = Keywords;

22          this.Size = calculateSize();

23          this.deleted = false;

24      }

25

26      public int calculateSize() {
```

☐ **Error [Checkstyle]: 0 (limit exceeded)**
The Javadoc for this method or constructor is missing. All visible (i.e. not private) methods and constructors must b

```
27          // Calculate the size of the record including metadata

28          // Modify this based on your specific metadata size

29          return Title.length() + Description.length() + Keywords.leng

30      }

31  }
```