

Java Fundamentals Assignment

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1. XML data Deserialized to Java object:

```
<students>
  <student>
    <roll>12</roll>
    <marks>85</marks>
    <subject>Maths</subject>
  </student>
  <student>
    <roll>13</roll>
    <marks>60</marks>
    <subject>physics</subject>
  </student>
  <student>
    <roll>15</roll>
    <marks>79</marks>
    <subject>chemistry</subject>
  </student>
  <student>
    <roll>13</roll>
    <marks>85</marks>
    <subject>Maths</subject>
  </student>
</students>
```

```
"C:\Program Files\Java\jdk1.8.0_271\bin\j
Student List:
12 85 Maths
13 60 physics
15 79 chemistry
13 85 Maths
15 60 physics
12 79 chemistry
13 85 chemistry
```

2. The Java object is grouped based on marks and is serialized to a .txt file

```
The Object was succesfully written to a file
```

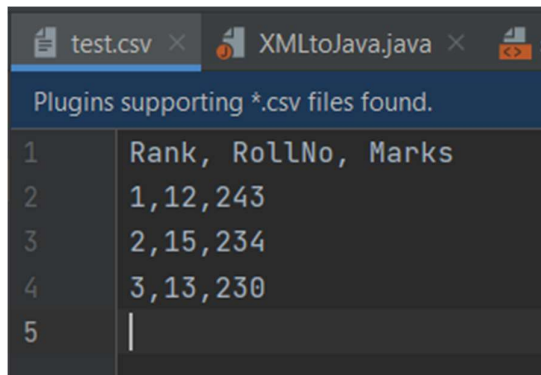
```
Process finished with exit code 0
```

3. The .txt file is deserialized to a Java object

```
"C:\Program Files\Java\jdk1.8.0_271\bin\java.exe" ...  
Deserialized Data:  
Rank RollNo Marks  
1 12 243  
2 15 234  
3 13 230
```

4. The Object is written to a .CSV file:

```
Data written to CSV  
  
Process finished with exit code 0
```



Rank	RollNo	Marks
1	12	243
2	15	234
3	13	230