

JAVA FUNDAMENTALS ASSIGNMENT

1. XML DATA to Objects

```
1 <students>
2   <student>
3     <roll>12</roll>
4     <marks>85</marks>
5     <subject>Maths</subject>
6   </student>
7   <student>
8     <roll>13</roll>
9     <marks>60</marks>
10    <subject>physics</subject>
11  </student>
12  <student>
13    <roll>15</roll>
14    <marks>79</marks>
15    <subject>chemistry</subject>
16  </student>
17  <student>
18    <roll>13</roll>
19    <marks>85</marks>
20    <subject>Maths</subject>
21  </student>
22  <student>
23    <roll>15</roll>
```

Output of Objects

```
Problems  Javadoc  Declaration  Console  Properties  Coverage
<terminated> Maindeserialize [Java Application] C:\Program Files (x86)\Java\jre1.8.0_171\bin\javaw.exe (21-Jan-2021, 5:08:03 pm – 5:08:26 pm)
12 85 Maths
13 60 physics
15 79 chemistry
13 85 Maths
15 60 physics
12 79 chemistry
13 85 chemistry
15 60 maths
12 79 physics
```

2. The deserialized objects are added to a text file

marksList 21-01-2021 17:08 Text Document 1 KB

3. The .txt file is deserialized to Java objects

```
<terminated> Total [Java Application] C:\Program Files (x86)\Java\jre1.8.0_171\bin\javaw.exe (21-Jan-2021, 5:09:36 p
1 15 199
2 13 230
3 12 243
Data added to CSV
```

4. The Objects is written to .csv file

	A	B	C	D
1	Rank	RollNo	Marks	
2	1	15	199	
3	2	13	230	
4	3	12	243	
5				
6				