

JAVA Fundamentals

Done by Ravi Theja Kolluru

Email ID: ravi.kolluru@accolitedigital.com

Assignment

1. Read an XML file “student.xml” containing list of student data in the following format, deserialize them into java objects, then serialize the unique to a text file “student.txt” with appropriate exception handling.
2. Secondly, deserialize the previously stored student.txt file with roll num and total marks. Then, serialize the top 5 students' roll numbers and total marks into excel or csv file in the following format.

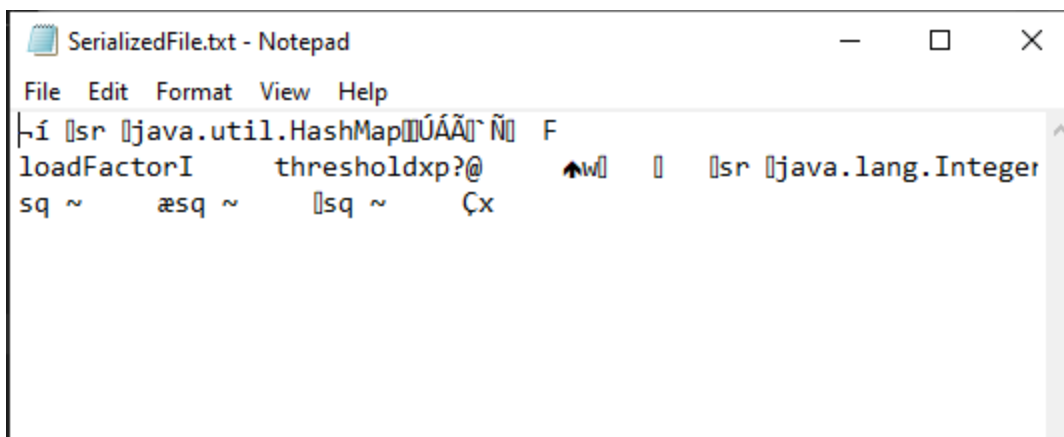
Rank	Roll Number	Total Marks(out of 300)
1	12	290
2	45	286
3	60	278

..... So on
3. Write the implementation for singleton class.

ANSWER

Serialization

```
Students [students=[Student [marks=85, roll=12, subject=Maths],
243
230
199
Serialized Successfully
```



Data to Excel

```
{12=243, 13=230, 15=199}
Successfully sent data to excel
```

	A	B	C	D	E	F
1	Rank	Roll	Marks			
2	1	12	243			
3	2	13	230			
4	3	15	199			
5						

Singleton Class

This is a singleton class
