

Exercise 3 – Serialization and Deserialization of Java Objects

Task 1 – Serialization

Folder files before serialization:

Name	Date modified	Type	Size
.git	11/7/2020 3:31 PM	File folder	
bin	11/7/2020 1:36 PM	File folder	
Exercise_1	11/1/2020 10:29 AM	File folder	
Exercise_2	11/1/2020 2:11 PM	File folder	
Exercise_3	11/1/2020 3:30 PM	File folder	
Exercise_4_5	11/2/2020 6:04 PM	File folder	
.classpath	11/1/2020 10:15 AM	CLASSPATH File	1 KB
.gitignore	11/1/2020 10:13 AM	Text Document	1 KB
.project	11/1/2020 10:13 AM	PROJECT File	1 KB
someSongs.txt	11/1/2020 10:16 AM	Text Document	1 KB

Running WriteRecord.java serialization code:

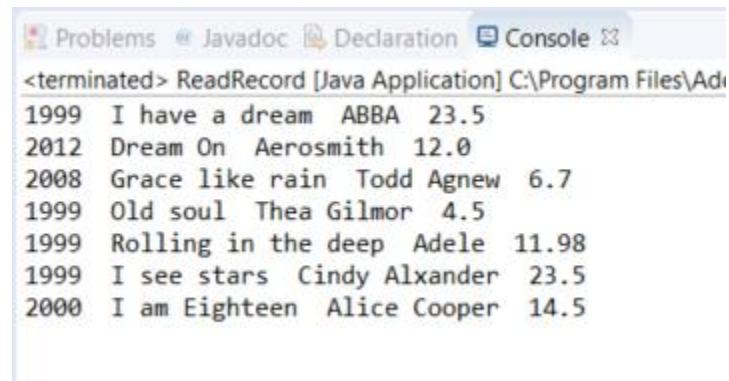
```
Problems Javadoc Declaration Console
<terminated> WriteRecord [Java Application] C:\Program Files\Ad
1999 I have a dream ABBA 23.5
2012 Dream On Aerosmith 12.0
2008 Grace like rain Todd Agnew 6.7
1999 Old soul Thea Gilmore 4.5
1999 Rolling in the deep Adele 11.98
1999 I see stars Cindy Alexander 23.5
2000 I am Eighteen Alice Cooper 14.5
```

Folder files after serialization:

Name	Date modified	Type	Size
.git	11/7/2020 3:31 PM	File folder	
bin	11/7/2020 1:36 PM	File folder	
Exercise_1	11/1/2020 10:29 AM	File folder	
Exercise_2	11/1/2020 2:11 PM	File folder	
Exercise_3	11/1/2020 3:30 PM	File folder	
Exercise_4_5	11/2/2020 6:04 PM	File folder	
.classpath	11/1/2020 10:15 AM	CLASSPATH File	1 KB
.gitignore	11/1/2020 10:13 AM	Text Document	1 KB
.project	11/1/2020 10:13 AM	PROJECT File	1 KB
mySongs.ser	11/7/2020 3:58 PM	SER File	1 KB
someSongs.txt	11/1/2020 10:16 AM	Text Document	1 KB

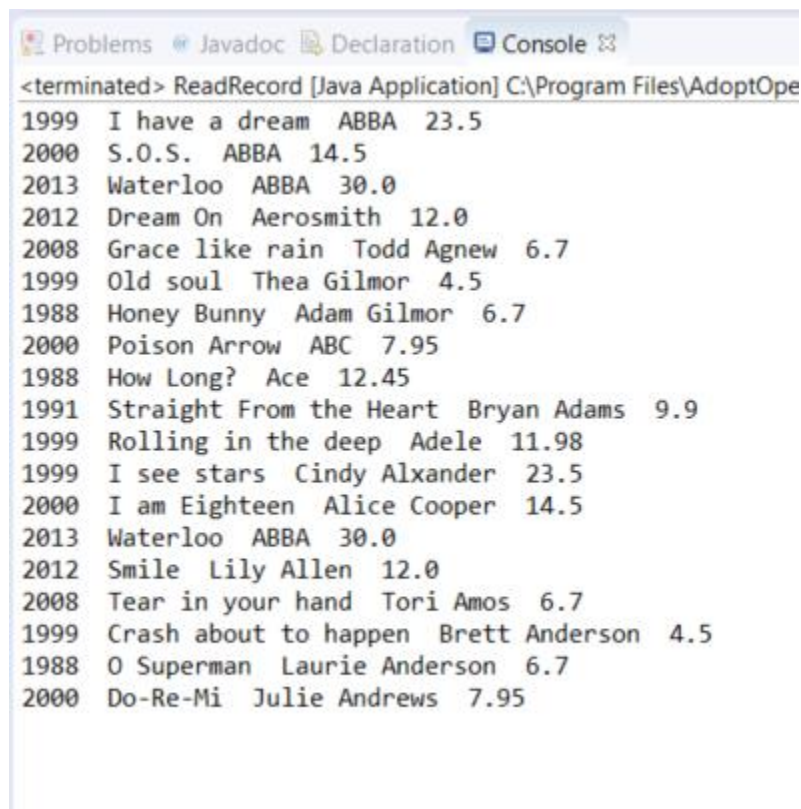
Task 2 – Deserialization

Deserialize mySongs.ser:



```
<terminated> ReadRecord [Java Application] C:\Program Files\Adi
1999 I have a dream ABBA 23.5
2012 Dream On Aerosmith 12.0
2008 Grace like rain Todd Agnew 6.7
1999 Old soul Thea Gilmor 4.5
1999 Rolling in the deep Adele 11.98
1999 I see stars Cindy Alxander 23.5
2000 I am Eighteen Alice Cooper 14.5
```

Deserialize allSongs.ser:



```
<terminated> ReadRecord [Java Application] C:\Program Files\AdoptOpe
1999 I have a dream ABBA 23.5
2000 S.O.S. ABBA 14.5
2013 Waterloo ABBA 30.0
2012 Dream On Aerosmith 12.0
2008 Grace like rain Todd Agnew 6.7
1999 Old soul Thea Gilmor 4.5
1988 Honey Bunny Adam Gilmor 6.7
2000 Poison Arrow ABC 7.95
1988 How Long? Ace 12.45
1991 Straight From the Heart Bryan Adams 9.9
1999 Rolling in the deep Adele 11.98
1999 I see stars Cindy Alxander 23.5
2000 I am Eighteen Alice Cooper 14.5
2013 Waterloo ABBA 30.0
2012 Smile Lily Allen 12.0
2008 Tear in your hand Tori Amos 6.7
1999 Crash about to happen Brett Anderson 4.5
1988 O Superman Laurie Anderson 6.7
2000 Do-Re-Mi Julie Andrews 7.95
```