## Exercise 1 Output:

SERVER:	CLIENT:
Server is now running	please enter a word:
Server connected	level
Server has been terminated	level
	level is a Palindrome.
	please enter a word:
	hello
	hello
	hello is not a Palindrome.
	please enter a word:
	QUIT

## Exercise 2 Output:

SERVER:	CLIENT:
Date Server is now running.	Please select an option (DATE/TIME) date 2020-02-34 Please select an option (DATE/TIME) Time 16:58:31 Please select an option (DATE/TIME) Quit

## Exercise 3 Output:

Console output from running WriteRecord: Also see the project folder for the resulting .ser file

```
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
```

Console output from running ReadRecord for mySongs.ser and allSongs.ser: The music record toString() function was modified so that the contents of each would be a readable format in the console window.

1999	1000	1000
ABBA 23.5 2012 2012 2000 Dream On Aerosmith 12.0 14.5 2008 6.7 2013 30.0 2017 1999 2012 2008 6.7 1999 2012 2018 6.7 1999 2018 801ling in the deep Adele 11.98 6.7 1999 1999 1999 1999 1999 1990 1988 6.7 2008 6.7 2008 6.7 2008 6.7 2008 6.7 2008 6.7 2008 6.7 6.7 2009 6.7 2009 1988 1 am Eighteen Alice Cooper Alice Cooper 14.5 6.7 2000 Poison Arrow ABC 7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		
23.5		
2012	ABBA	ABBA
2012   2000   S. 0.5.	23.5	23.5
Dream On Aerosmith ABBA   14.5		
Dream On Aerosmith ABBA   14.5	2012	2000
Aerosmith 12.0 14.5		
12.0  2008  Grace like rain Todd Agnew 6.7  30.0  1999  Old soul Thea Gilmor 4.5  12.0  1999  Poly Rolling in the deep Adele 11.98  1 see stars Cindy Alxander 23.5  2000  1 see stars Cindy Alxander Alice Cooper 14.5  End of file  12.00  14.5  1998  1988  How Long? Ace 12.45  1991  Straight From the Heart Bryan Adams 9.9  1991  Straight From the Heart Bryan Adams 9.9		
2008 Grace like rain Todd Agnew 6.7 30.0		
2008	12.0	14.5
Grace like rain Todd Agnew 6.7 30.0		
Todd Agnew 6.7 30.0 6.7 30.0 1999 2012 Dream On Thea Gilmor Aerosmith 4.5 12.0 1999 2008 Grace like rain Todd Agnew 6.7 1999 1999 1999 1999 1999 1999 1999 199	2008	2013
Todd Agnew	Grace like rain	Waterloo
1999   2012   2012   2014   2015   2015   2016		
1999   2012   1912   1914   1915		
1999		
Dream On		
Thea Gilmor 4.5  1999 Rolling in the deep Roll		2012
4.5	Old soul	Dream On
4.5	Thea Gilmor	Aerosmith
1999		
1999   Rolling in the deep		
Rolling in the deep Adele 11.98		
Adele 11.98 6.7 1999 I see stars Cindy Alxander 23.5 2000 I am Eighteen Alice Cooper Adam Gilmor 14.5 End of file 2000 Poison Arrow ABC 7.95		
11.98		
1999 I see stars Cindy Alxander 23.5	Adele	
1999 I see stars Cindy Alxander 23.5	11.98	6.7
I see stars		
I see stars	1999	1999
Cindy Alxander 23.5		
23.5		
2000  I am Eighteen Alice Cooper Adam Gilmor 14.5 End of file  2000 Poison Arrow ABC 7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		
1988		
I am Eighteen Alice Cooper 14.5 End of file  2000 Poison Arrow ABC 7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		
Alice Cooper  14.5 End of file  2000 Poison Arrow ABC 7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9	2000	1988
Alice Cooper  14.5 End of file  2000 Poison Arrow ABC 7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9	I am Eighteen	Honey Bunny
14.5 End of file  2000 Poison Arrow ABC 7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		
End of file  2000 Poison Arrow ABC 7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9	I	
End of file  2000 Poison Arrow ABC 7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		
Poison Arrow ABC 7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		
ABC 7.95	End of file	
7.95 1988 How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		
1988  How Long?  Ace 12.45 1991  Straight From the Heart  Bryan Adams 9.9		ABC
1988  How Long?  Ace  12.45   1991  Straight From the Heart  Bryan Adams  9.9		7.95
How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		
How Long? Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		1988
Ace 12.45 1991 Straight From the Heart Bryan Adams 9.9		
12.45 1991 Straight From the Heart Bryan Adams 9.9		
1991 Straight From the Heart Bryan Adams 9.9		
1991 Straight From the Heart Bryan Adams 9.9		
Straight From the Heart Bryan Adams 9.9		
Bryan Adams 9.9		1991
Bryan Adams 9.9		Straight From the Heart
9.9		
1		
1999		
Rolling in the deep		Rolling in the deep

Adele 11.98	
I see stars Cindy Alxander 23.5	11.98
2000 I am Eighteen Alice Cooper 14.5	1999 I see stars Cindy Alxander 23.5
2013 Waterloo ABBA 30.0	2000 I am Eighteen Alice Cooper 14.5
Smile Lily Allen 12.0	2013 Waterloo ABBA 30.0
Tear in your hand Tori Amos 6.7	2012 Smile Lily Allen 12.0
1999 Crash about to happen Brett Anderson 4.5	2008 Tear in your hand Tori Amos 6.7
1988 O Superman Laurie Anderson 6.7	1999 Crash about to happen Brett Anderson 4.5
2000 Do-Re-Mi Julie Andrews 7.95	1988 O Superman Laurie Anderson 6.7
	2000 Do-Re-Mi Julie Andrews 7.95