

```
Terminal Shell Edit View Window Help 100% Fri Nov 8 12:09 PM Ashish Sheoran
ws7-home -- -bash -- 178x45

[Ashishs-MacBook-Air:ws7-home ashish$ sudo g++ -std=c++11 SongCollection.cpp w7_home.cpp -o w7.exe
[Ashishs-MacBook-Air:ws7-home ashish$ ./w7.exe songs.txt
Command Line:
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1: ./w7.exe
2: songs.txt
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| The original collection
-----
| Bird Set Free | Sia | This Is Acting | 2016 | 4:12 | 1.21 |
| Fight Song | Rachel Platten | [None] | 2015 | 3:24 | 1.25 |
| ..Baby One More Time | Britney Spears | [None] | 1999 | 3:30 | 1.29 |
| One Million Bullets | Sia | This Is Acting | 2016 | 4:12 | 1.23 |
| (You Drive Me) Crazy | Britney Spears | Baby One More Time | 1999 | 3:18 | 1.29 |
| Cheap Thrills | Sia | This Is Acting | 2016 | 3:31 | 1.29 |
| Dream On | Amy Macdonald | Under Stars | 2017 | 3:19 | 1.29 |
| Dream Is Collapsing | Hans Zimmer | Best of | 2014 | 2:23 | 1.29 |
| Hot N Cold | Katy Perry | [None] | 2008 | 3:40 | 1.14 |
| Circus | Britney Spears | Circus | 2008 | 3:12 | 1.29 |
| Under Stars | Amy Macdonald | Under Stars | 2017 | 3:41 | 1.29 |
| Rafiki's Fireflies | Hans Zimmer | Best of | 2017 | 1:52 | 1.29 |
| Song Of Ocarina | Diego Modena | [None] | 1991 | 3:35 | 0.49 |
| Sometimes | Britney Spears | Baby One More Time | 1999 | 4:05 | 1.29 |
| Alive | Sia | This Is Acting | 2016 | 4:23 | 1.22 |
| Why so Serious? | Hans Zimmer | Best of | 2016 | 9:14 | 1.29 |
| Ain't It Funny | Jennifer Lopez | [None] | 4:17 | 0.99 |
| Chandelier | Sia | [None] | 2014 | 3:36 | 1.32 |
| Break the Ice | Britney Spears | Blackout | 2007 | 3:16 | 1.29 |
| Moonlight Reggae | Diego Modena | [None] | 2010 | 4:43 | 1.19 |
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| Total listening time: 1:17:17 |
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| The collection sorted by title
-----
| (You Drive Me) Crazy | Britney Spears | Baby One More Time | 1999 | 3:18 | 1.29 |
| ..Baby One More Time | Britney Spears | [None] | 1999 | 3:30 | 1.29 |
| Ain't It Funny | Jennifer Lopez | [None] | 4:17 | 0.99 |
| Alive | Sia | This Is Acting | 2016 | 4:23 | 1.22 |
| Bird Set Free | Sia | This Is Acting | 2016 | 4:12 | 1.21 |
| Break the Ice | Britney Spears | Blackout | 2007 | 3:16 | 1.29 |
| Chandelier | Sia | [None] | 2014 | 3:36 | 1.32 |
| Cheap Thrills | Sia | This Is Acting | 2016 | 3:31 | 1.29 |
| Circus | Britney Spears | Circus | 2008 | 3:12 | 1.29 |
| Dream Is Collapsing | Hans Zimmer | Best of | 2014 | 2:23 | 1.29 |
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| Fight Song | Rachel Platten | [None] | 2015 | 3:24 | 1.25 |
| Hot N Cold | Katy Perry | [None] | 2008 | 3:40 | 1.14 |
| Moonlight Reggae | Diego Modena | [None] | 2010 | 4:43 | 1.19 |
| One Million Bullets | Sia | This Is Acting | 2016 | 4:12 | 1.23 |
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-----
| Total listening time: 1:17:17 |
-----
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-----
| The collection sorted by length
-----
| Rafiki's Fireflies | Hans Zimmer | Best of | 2017 | 1:52 | 1.29 |
| Dream Is Collapsing | Hans Zimmer | Best of | 2014 | 2:23 | 1.29 |
| Circus | Britney Spears | Circus | 2008 | 3:12 | 1.29 |
| Break the Ice | Britney Spears | Blackout | 2007 | 3:16 | 1.29 |
| (You Drive Me) Crazy | Britney Spears | Baby One More Time | 1999 | 3:18 | 1.29 |
| Dream On | Amy Macdonald | Under Stars | 2017 | 3:19 | 1.29 |
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| Song Of Ocarina | Diego Modena | [None] | 1991 | 3:35 | 0.49 |
| Chandelier | Sia | [None] | 2014 | 3:36 | 1.32 |
| Hot N Cold | Katy Perry | [None] | 2008 | 3:40 | 1.14 |
| Under Stars | Amy Macdonald | Under Stars | 2017 | 3:41 | 1.29 |
| Sometimes | Britney Spears | Baby One More Time | 1999 | 4:05 | 1.29 |
| One Million Bullets | Sia | This Is Acting | 2016 | 4:12 | 1.23 |
| Bird Set Free | Sia | This Is Acting | 2016 | 4:12 | 1.21 |
| Ain't It Funny | Jennifer Lopez | [None] | 4:17 | 0.99 |
| Alive | Sia | This Is Acting | 2016 | 4:23 | 1.22 |
| Moonlight Reggae | Diego Modena | [None] | 2010 | 4:43 | 1.19 |
| Why so Serious? | Hans Zimmer | Best of | 2016 | 9:14 | 1.29 |
-----
| Total listening time: 1:17:17 |
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| The collection with fixed album names
-----
| Rafiki's Fireflies | Hans Zimmer | Best of | 2017 | 1:52 | 1.29 |
| Dream Is Collapsing | Hans Zimmer | Best of | 2014 | 2:23 | 1.29 |
| Circus | Britney Spears | Circus | 2008 | 3:12 | 1.29 |
| Break the Ice | Britney Spears | Blackout | 2007 | 3:16 | 1.29 |
| (You Drive Me) Crazy | Britney Spears | Baby One More Time | 1999 | 3:18 | 1.29 |
| Dream On | Amy Macdonald | Under Stars | 2017 | 3:19 | 1.29 |
| Fight Song | Rachel Platten | 2015 | 3:24 | 1.25 |
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| Cheap Thrills | Sia | This Is Acting | 2016 | 3:31 | 1.29 |
| Song Of Ocarina | Diego Modena | 1991 | 3:35 | 0.49 |
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| Alive | Sia | This Is Acting | 2016 | 4:23 | 1.22 |
| Moonlight Reggae | Diego Modena | 2010 | 4:43 | 1.19 |
| Why so Serious? | Hans Zimmer | Best of | 2016 | 9:14 | 1.29 |
-----
| Total listening time: 1:17:17 |
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There are no songs of "The Beatles" in collection.
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| Songs of "Sia"
-----
| Cheap Thrills | Sia | This Is Acting | 2016 | 3:31 | 1.29 |
| Chandelier | Sia | 2014 | 3:36 | 1.32 |
| One Million Bullets | Sia | This Is Acting | 2016 | 4:12 | 1.23 |
| Bird Set Free | Sia | This Is Acting | 2016 | 4:12 | 1.21 |
| Alive | Sia | This Is Acting | 2016 | 4:23 | 1.22 |
-----
Ashishs-MacBook-Air:ws7-home ashish$
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