



```
+-----+
| State |
+-----+
| Used  |
| Damaged |
| New   |
| Destroyed |
+-----+
```

[Line count: 4]

Q 5. Find the titles of all damaged CDs.

```
+-----+
| Title |
+-----+
| Sam Brown |
| Sounds from the four... |
| Amnesty For Eve |
| A Crack In Time |
+-----+
```

[Line count: 170]

Q 6. Find cheap used CDs (price below 11). Order the result by the price (ascending).

```
+-----+-----+-----+-----+-----+-----+
| CDDB | Artist_ID | Title | Year | Price | State |
+-----+-----+-----+-----+-----+-----+
| 9c0c080c | 184 | Longtemps | 2005 | 10.0 | Used |
| c30ff40e | 7 | Peel This | 1992 | 10.01 | Used |
| 56098a06 | 63 | Guet-apens | 1997 | 10.01 | Used |
| 6609e308 | 83 | For Your Pleasure | 1973 | 10.14 | Used |
+-----+-----+-----+-----+-----+-----+
```

[Line count: 30]

Q 7. Find CDs that came out either in 1990 or 1995 and whose price is between 10 and 15.

```
+-----+-----+-----+-----+-----+-----+
| CDDB | Artist_ID | Title | Year | Price | State |
+-----+-----+-----+-----+-----+-----+
| 810ad70b | 6 | Post | 1995 | 11.22 | Used |
| 880bca0b | 3 | Dream of the Dog | 1995 | 11.92 | Used |
| 370ed405 | 16 | Symphonie n°5 in Do ... | 1990 | 14.66 | New |
| 400d3405 | 22 | Symphony No. 4 - Tragic | 1990 | 14.03 | Used |
+-----+-----+-----+-----+-----+-----+
```

[Line count: 26]

Q 8. Find the number of CDs that came out in the 80s and their price is between 12 and 14.

```
+-----+
| Disc count |
+-----+
|      42    |
+-----+
```

[Line count: 1]

Q 9. Find the total of prices of destroyed CD.

```
+-----+
|      Hein  |
+-----+
| 627.9699999999999 |
+-----+
```

[Line count: 1]

Q 10. Find CDs by 'The Beatles':

```
+-----+-----+-----+-----+-----+-----+
| CDDB | Artist_ID | Title | Year | Price | State |
+-----+-----+-----+-----+-----+-----+
| b107d40e | 135 | With the Beatles | 1963 | 11.7 | Damaged |
| b20b120d | 135 | White Album CD2 | 1968 | 18.67 | Used |
| c009560d | 135 | Sgt. Pepper's Lonely... | 1967 | 15.89 | Used |
| c808330e | 135 | Revolver | 1966 | 16.1 | Used |
| c808330e | 135 | Revolver | 1966 | 16.1 | Used |
| c808330e | 135 | Revolver | 1966 | 16.1 | Used |
```

[Line count: 6]

Q 11. Find CDs by 'AC DC' that came out in the 90s.

```
+-----+-----+-----+-----+-----+-----+
| CDDB | Artist_ID | Title | Year | Price | State |
+-----+-----+-----+-----+-----+-----+
| ac0bb00b | 4 | Ballbreaker | 1995 | 14.84 | Damaged |
| ab0ae80c | 4 | The Razors Edge | 1990 | 15.59 | Damaged |
| c1107b0c | 4 | AC/DC Live (CD1) | 1992 | 13.49 | New |
| 960e760b | 4 | AC/DC Live (CD2) | 1992 | 16.41 | New |
```

[Line count: 4]

Q 12. Find artists names who had a CD in 1991.

```
-----  
| Name |  
-----  
| Baton Rouge |  
| Dusters |  
| Calvin Russell |  
| Chris Whitley |  
-----
```

[Line count: 25]

Q 13. Find the sum of prices of all CD by Georges Brassens.

```
-----  
| Hein |  
-----  
| 200.73000000000002 |  
-----
```

[Line count: 1]

Q 14. Find titles of song of the Rock genre.

```
-----  
| Title |  
-----  
| Jean Baltazaarr |  
| Mona Lisa Klaxon |  
| Le Sud |  
| Louis |  
-----
```

[Line count: 5504]

Q 15. List titles of songs whose genre description uses the word 'afric'.

```
+-----+
|      Title      |
+-----+
| The girl in black |
| I can tell       |
| Lonely in the dark |
| tesax chainsaw   |
+-----+
```

[Line count: 334]

**Q 16.** Find the number of folk songs whose lyrics are not covered by copyright.

```
+-----+
| COUNT(Song.ID) |
+-----+
|      124       |
+-----+
```

[Line count: 1]

**Q 17.** Find song titles written by Jacques Brel.

```
+-----+
|      Title      |
+-----+
| Le Bon Dieu     |
| Voir Un Ami Pleurer |
| Isabelle        |
| Marieke         |
+-----+
```

[Line count: 134]

**Q 18.** Find artists who have written the song 'Anybody Seen My Baby?'

```
+-----+
|      Name       |
+-----+
| Mick Jagger     |
| Keith Richards  |
+-----+
```

[Line count: 2]

Q 19. Find the number of CDs with songs written by Mick Jagger.

```
-----+
| Hein |
+-----+
| 54 |
+-----+
```

[Line count: 1]

Q 20. Find the song list on the CD 'A Night at the Opera', in the order of their position.

```
-----+
| Title |
+-----+
| Death on Two Legs |
| Lazing on a Sunday A... |
| I'm In Love With My Car |
| You're My Best Friend |
+-----+
```

[Line count: 12]

Q 21. Find name of artists who have not written a single song.

```
-----+
| Name |
+-----+
| Beverly Jo Scott |
| Baton Rouge |
| Dusters |
| Calvin Russell |
+-----+
```

[Line count: 506]

Q 22. List songs performed by Lenny Kravitz that are present on David Bowie's CDs.

```
+-----+
|      Title      |
+-----+
| Buddha Of Suburbia |
+-----+
```

[Line count: 1]

Q 23. Find CDs that contain at least one song performed by an artist different from the artist releasing the disc.

```
+-----+-----+-----+-----+-----+-----+
|  CDDB  | Artist_ID |      Title      | Year | Price | State |
+-----+-----+-----+-----+-----+-----+
| fc0fd113 | 112      | Bar Aid         | 1992 | 16.22 | Damaged |
| de0f4710 | 193      | L'espoir        | 2008 | 15.12 | New     |
| ca0b5311 | 8        | Billy Elliot    | 2000 | 17.86 | Used    |
| 9d0a3e0c | 8        | Labyrinth       | 1986 | 16.03 | Damaged |
+-----+-----+-----+-----+-----+-----+
```

[Line count: 37]

Q 24. Find CDs that contain at least one song written by an artist different from the artist releasing of the CD.

```
+-----+-----+-----+-----+-----+-----+
|  CDDB  | Artist_ID |      Title      | Year | Price | State |
+-----+-----+-----+-----+-----+-----+
| 8409a209 | 84        | Lust For Life   | 1990 | 19.47 | Damaged |
| cc11560e | 178       | Contraband      | 2004 | 10.89 | Used    |
| b10cae0e | 80        | Wandering Spirit | 1992 | 19.42 | Damaged |
| c60e9a0f | 141       | The Best Of (Words A... | 1989 | 12.74 | Damaged |
+-----+-----+-----+-----+-----+-----+
```

[Line count: 83]

Q 25. List the number and the average price of CD for every different state.

```

+-----+-----+-----+
| State | Average Price | Disc count |
+-----+-----+-----+
| Damaged | 15.09876470588235 | 170 |
| Destroyed | 14.603953488372092 | 43 |
| New | 14.825515695067253 | 223 |
| Used | 15.156416464891029 | 413 |

```

[Line count: 4]

**Q 26.** For every artist find the number of CD they have released. Display the results in the descending order of the number of CDs

```

+-----+-----+
| Name | Number of CDs |
+-----+-----+
| The Rolling Stones | 43 |
| David Bowie | 31 |
| Renaud | 21 |
| Elliott Murphy | 17 |

```

[Line count: 273]

**Q 27.** For every CD list its cddb number, its title and the number of songs it contains. Display only CD with at least 10 songs

```

+-----+-----+-----+
| CDDb | Title | Song number |
+-----+-----+-----+
| 030c7b12 | 02-La valse à mille ... | 18 |
| 03115f11 | A Bigger Bang | 16 |
| 05100e11 | Le Pelegrin | 17 |
| 05109a14 | Essentielles | 20 |

```

[Line count: 688]

**Q 28.** For every genre find the number of CDs that contain a song of this genre. Mind not to count the same CD more than once. Display genres with more than 50 songs

```

+-----+-----+
| Name | Disc count |
+-----+-----+
| Classique | 51 |
| Folk | 111 |
| Français | 124 |
| Rock | 516 |

```

[Line count: 4]

**Q 29.** List the artists in the descending order of the average price of their CDs. List only those artists who have at least 4 CDs for which the average CD price is greater than 12.

```
-----+-----+-----+
| Name | Average disc price |
|-----+-----+-----+
| Les Wampas | 16.771428571428572 |
| Téléphone | 16.695999999999998 |
| Serge Gainsbourg | 16.6325 |
| Molodoi | 16.588 |
| ... | ... |
```

[Line count: 61]

**Q 30.** Find CD whose list of songs is potentially incomplete. (Hint: compare the number of songs with the position of the last song).

```
-----+-----+-----+
| CDDB | Title |
|-----+-----+-----+
| 200be716 | Prophètes et Nains d... |
| 24110621 | Il faut tourner l'ap... |
| 270d0015 | 04-Initials B.B. |
| 2b11be14 | St Patrick Spirit CD1 |
| ... | ... |
```

[Line count: 21]

**Q 31.** Find frequent collaborators. Any pair of artists who have performed a song on the same CD are collaborators. If there are at least 2 CDs, then it is a pair of frequent collaborators.

```
-----+-----+-----+-----+
| ID | Name | ID | Name |
|-----+-----+-----+-----+
| 196 | Tri Yann | 207 | Alan Stivell |
| 196 | Tri Yann | 230 | Gilles Servat |
| 207 | Alan Stivell | 196 | Tri Yann |
| 207 | Alan Stivell | 230 | Gilles Servat |
| ... | ... | ... | ... |
```

[Line count: 8]

