Index

In this database, we choose B+ tree for all of our tables. Also, our search key is the same as our primary key.

SQL statements:

use Apple\_Music;

Create Index ComposerIndex

USING BTREE

on Composer (composer\_name, composer\_DoB);

use Apple\_Music;

Create Index ComposeIndex

USING BTREE

on Compose (music\_ID, composer\_name, composer\_DoB);

use Apple\_Music;

Create Index LyricistIndex

USING BTREE

on Lyricist (lyricist\_name, lyricist\_DoB);

use Apple\_Music;

Create Index PerformIndex

USING BTREE

on Perform (music\_ID, singer\_name, singer\_DoB);

use Apple\_Music;

Create Index PurchaseIndex

USING BTREE

on Purchase (music\_ID, user\_ID);

use Apple\_Music;

Create Index SingerIndex

USING BTREE

on Singer (singer\_name, singer\_DoB);

use Apple\_Music;

Create Index SongIndex

USING BTREE

on Song (music\_ID);

use Apple\_Music;

Create Index UserIndex

USING BTREE

on User (user\_ID);

use Apple\_Music;

Create Index WritesIndex

USING BTREE

on Writes (music\_ID, lyricist\_name, lyricist\_DoB);