JDBC Assignment

# Assignment 1

The below table has the list of all the Beatles songs in the chronological order:

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| --- | --- | --- |
| **Year** | **Single / EP / LP** | **Release Date** |
| 1962 | “Love Me Do / P.S. I Love You” | Oct. 5 |
| 1963 | “Please Please Me” **Please Please Me** “From Me To You / Thank You Girl” “She Loves You / I’ll Get You” **With The Beatles** “I Want To Hold Your Hand / This Boy” | Jan. 11 **Mar. 22** Apr. 12 Aug. 23 **Nov. 22** Nov. 29 |
| 1964 | “Can’t Buy Me Love / You Can’t Do That” *Long Tall Sally / I Call Your Name /       Slow Down / Match Box* **A Hard Day’s Night** “I Feel Fine / She’s A Woman” **Beatles For Sale** | Mar. 20 *July 10*   **July 10** Nov. 27 **Dec. 4** |
| 1965 | “Ticket To Ride / Yes It Is” “Help! / I’m Down” **Help!** “We Can Work It Out / Day Tripper” **Rubber Soul** | Apr. 9 July 23 **Aug. 6** Dec. 3 **Dec. 3** |
| 1966 | “Paperback Writer / Rain” “Yellow Submarine” **Revolver** | June 10 Aug. 5 **Aug. 28** |
| 1967 | “Strawberry Fields Forever / Penny Lane” **Sgt. Pepper’s Lonely Hearts Club Band** “All You Need Is Love / Baby You’re A Rich Man” “Hello Goodbye / I Am The Walrus” **Magical Mystery Tour** | Feb. 13 **June 1** July 7 Nov. 24 **Nov. 27** (U.S.) |
| 1968 | “Lady Madonna / The Inner Light” “Hey Jude / Revolution” **The Beatles (aka The White Album)** | Mar. 15 Aug. 30 **Nov. 22** |
| 1969 | **Yellow Submarine** “Get Back / Don’t Let Me Down” “The Ballad of John and Yoko / Old Brown Shoe” **Abbey Road** | **Jan. 17** Apr. 11 May 3 **Sept. 26** |
| 1970 | “Let It Be / You Know My Name (Look Up The #)”  “The Long and Winding Road / For You Blue” **Let It Be** | Mar. 6 May 11 (U.S.) **May 18** |

Please note the following:

* Singles are in double quotes
* EP discs (Extended play discs – contains more music than a single, but less than a full album) are in italics
* LP discs (Long playing discs – old vinyl gramophone records that holds full albums) are in bold

Questions:

1. Write a method to create a table and insert the above information into the table (Ensure that the table has adequate columns to hold all of this information)
2. Write a method to get the list of all singles that were released before Thanksgiving day of 1965
3. Write a method to get those items that are both singles and LPs and sort them chronologically
4. Write a method that returns the total number of singles, EPs and LPs created by the Beatles
5. Write a method that will return the number of singles, EPs and LPS created by the Beatles per year