PRINT CONTENT (USING SELECT *)

SELECT * FROM Author;

```
mysql> SELECT * FROM Author;
+-----------+------------------------------+---------------------------------------------------------------+
| Author_ID | Author_Name                  | Author_Address                                                |
+-----------+------------------------------+---------------------------------------------------------------+
| A001      | Yew Kwang Hui                | No. 567, Jalan Putera, 46200 Petaling Jaya, Selangor          |
| A002      | Samsudin Abdullah bin Fakri  | Lot 4892, Taman Desa, 80250 Johor Bharu, Johor               |
| A003      | Chetan A/L Bangla            | No. 567, Jalan Raja Chulan, 50000 Kuala Lumpur, Kuala Lumpur |
| A004      | Grace Wong Jie Hui           | 123-2A, Jalan Enstek 3/8, 71800 Nilai, Negeri Sembilan       |
| A005      | Siti Khadijah binti Kamal    | Pt 2464, Taman Guchil Jaya, 18000 Kuala Krai, Kelantan       |
| A006      | Amrita A/P Pritia            | Lot 2953, Jalan Permai, 14020 Bukit Mertajam, Penang         |
| A007      | Uthaya A/L Sankar            | No. 382, Taman Desa Intan, 11500 Ayer Itam, Pulau Pinang     |
| A008      | Lim Kit Ching                | Pt. 3295, Jalan Maarof 2/3, 85000, Segamat, Johor            |
| A009      | Sarah Rosmah binti Abdullah  | Lot. 253-7A, Jalan Desa Mawar, 11500 Ayer Itam, Pulau Pinang |
| A010      | Ali Abdulah bin Ahmad        | No. 46, Jalan Puteri, 10150 George Town, Pulau Pinang        |
+-----------+------------------------------+---------------------------------------------------------------+
10 rows in set (0.00 sec)
```

SELECT * FROM Publisher;

```
mysql> SELECT * FROM Publisher;
+--------------+-------------------------+-------------------------------------------------------------------------------+----------------+
| Publisher_ID | Publisher_Name          | Publisher_Address                                                             | Publisher_Phone |
+--------------+-------------------------+-------------------------------------------------------------------------------+----------------+
| P0001        | Oxferd Fajar Sdn Bhd    | 999, Jalan Pemaju, 40150 Shah Alam, Selangor                                  | 03-5629400     |
| P0002        | GoldFish Book Sdn Bhd   | No. 360, Lintang Macallum, 10300 George Town, Pulau Pinang                    | 09-9994424     |
| P0003        | Hup Seng Book Sdn Bhd   | 5529, Jalan Marif 2/5, 59000 Bangsar, Selangor                                | 01-4248892     |
| P0004        | Kanying Publication Sdn Bhd | 35, Jalan Industri Kidamai,43000 Kajang, Selangor                         | 04-2423949     |
| P0005        | Navinden Pubication Sdn Bhd | 73, Jalan Maarof, Bangsar, 59000 Kuala Lumpur, Kuala Lumpur               | 03-2235490     |
| P0006        | Rosmah Book Sdn Bhd     | No. 35, Block C5, Jalan Parameswara, 47301 Petaling Jaya, Selangor            | 06-8795292     |
| P0007        | Pernebit UM             | C4-26, Bukit Bakar Industrial Area, 52100 Kepong, Kuala Lumpur                | 08-4837897     |
| P0008        | Pelangor Pubishing Group | Lot 22, Taman Perindustrian Ayer, 80250, Johor Bharu, Johor                 | 07-0217474     |
| P0009        | Sental Press Sdn Bhd    | B-4-C, Jalan Kenari 5, Alam Damai, 56000 Cheras, Kuala Lumpur                 | 03-4258393     |
| P0010        | Ali Publication Sdn Bhd | 58, Jalan Bukit 24/5, Seksyen 51 Petaling Jaya, 46200 Petaling Jaya, Selangor | 02-2423490     |
+--------------+-------------------------+-------------------------------------------------------------------------------+----------------+
10 rows in set (0.00 sec)
```

SELECT * FROM Customer;

```
mysql> SELECT * FROM Customer;
+----------------------+----------------------------------+----------------+------------------------------------------------------------------------------+
| Customer_Email       | Customer_Name                    | Customer_Phone | Customer_Address                                                             |
+----------------------+----------------------------------+----------------+------------------------------------------------------------------------------+
| armiraaaa47@gmail.com | Nur Armira binti Syed Fairuz    | 014-1234122    | Lot 74, Jalan Universiti, 46200 Petaling Jaya, Selangor                      |
| chendp007@gmail.com  | Chen Dong Pin                    | 012-9669098    | No. 12 & 14A, Jalan Bentara 1, Taman Iskandar, 80050 Johor Bahru, Johor      |
| hajiftd8877@gmail.com | Haji Fathuddin bin Idham        | 011-74219300   | No. 92, Jalan Burma, 10797 George Town, Pulau Pinang                         |
| jessietjh20@gmail.com | Jessie Tan Jing Hui             | 016-4145675    | 4, Jalan Industri USJ, Taman Perindustrian Usj 1, 47631 Subang Jaya, Selangor |
| jycute73@gmail.com   | Wong Jin Ying                    | 016-5991059    | 35, Jalan Perpaduan, Desa Lawan Kuda, 31600 Gopeng, Perak                    |
| loh888@gmail.com     | Loh Jing Yi                      | 011-4242421    | 61 & 61-A, Jalan Harimau Tarum, Taman Century, 80250 Johor Bahru, Johor      |
| nazeem666@gmail.com  | Nazeem Akmal bin Nik Zamani      | 010-8461063    | No. 152, Jalan Lembah, Taman Tasek, 80200, Johor Bahru, Johor                |
| preetaking007@gmail.com | Preeta A/L Selvaraju          | 018-2457636    | 58, Jalan Jubli Perak Seksyen, 40172 Shah Alam, Selangor                     |
| shoba99@gmail.com    | Shoba Sundram A/P Pragash Ammasee | 017-3217541   | No. 067, Jalan 1/12, Taman Jordan, 31900 Kampar, Perak                       |
| slmisthebest32@gmail.com | Siew Loong Mon               | 019-8717818    | 61, Jalan Imbi, Imbi, 57070 Kuala Lumpur, Kuala Lumpur                       |
| syasya71@gmail.com   | Syafina binti Fadillah           | 014-7739172    | No. 36, Jalan 4, Laman Keramat, 21055 Bukit Besi, Terengganu                 |
| zmchen11@gmail.com   | Chen Zhi Ming                    | 011-38380187   | 7, Jalan Medan Midah, Taman Midah, 59513 Kuala Lumpur,Kuala Lumpur           |
+----------------------+----------------------------------+----------------+------------------------------------------------------------------------------+
12 rows in set (0.00 sec)
```

SELECT * FROM Participant;

```
mysql> SELECT * FROM Participant;
+----------------+---------------------------------+-------------------+----------------------------------------------------------------------------+---------------------------+------------------+
| Participant_ID | Participant_Name                | Participant_Mobile | Participant_Address                                                        | Participant_Email         | Participant_Type |
+----------------+---------------------------------+-------------------+----------------------------------------------------------------------------+---------------------------+------------------+
| PT001          | Kelvin Liew Wei Wen             | 013-2305966       | No.112, Jalan Merah, Kampung Gajah 31000, Perak                            | kelvin188@gmail.com       | Malaysian        |
| PT002          | Vijaya A/P Rajeswaran           | 016-5121222       | 80, Jalan 2/35, USJ 42R, 85771 Skudai, Johor                              | vijaya86@gmail.com        | Malaysian        |
| PT003          | Leong Zi Shan                   | 015-4881327       | No. 75, Jalan Wisma Putra 31T, PJS43, 50160 Titiwangsa, Kuala Lumpur      | leong1327@gmail.com       | Malaysian        |
| PT004          | Ahmad Muqri Bin Zahir           | 013-8156469       | No. 31, Jalan Bukit Bintang 96Y, PJU3, 34163 Gua Tempurung, Perak         | ahmadmm@gmail.com         | Malaysian        |
| PT005          | Syed Saddiq Bin Muhammad        | 018-4476730       | 8P-10, Jalan 4/84D, Bandar Pinang, 72229 Sungai Gadut, Negeri Sembilan    | syedsd6868@gmail.com      | Malaysian        |
| PT006          | Mohamad Sanjaya Bin Kamal       | 011-45539966      | No. 299, Jalan Dato Onn Jaafar, 30300 Ipoh, Perak                         | powersanjaya01@gmail.com  | Malaysian        |
| PT007          | Nurul Farah Binti Abdulah Syabir | 013-4330203      | No. 168, Jalan Halaman Meriah, Taman Aman, 31800 Tanjong Tualang, Perak   | farahhh53@gmail.com       | Malaysian        |
| PT008          | Yogeshwaran A/L Kumar           | 010-8899283       | No. 3-10, Jalan SS2/67, SS2, 47300 Petaling Jaya, Selangor                | yogesh31@gmail.com        | Malaysian        |
| PT010          | Leanne Lee Yan Ting             | 011-67677897      | No. D88, Jalan Besar, 31900 Kampar, Perak                                 | leanne86@gmail.com        | Malaysian        |
| PT011          | Syafina binti Fadillah          | 014-773 9172      | No. 36, Jalan 4, Laman Keramat, 21055 Bukit Besi, Terengganu             | syasya71@gmail.com        | Malaysian        |
| PT209          | Chen Dong Pin                   | 86-139-1099-8888  | Beijing, Chaoyang District, Lihong Garden, Building 1, 18A.               | chendp007@gmail.com       | Foreigner        |
| PT212          | Carla W. Jamerson               | (555) 555-1234    | 132, My Street, Kingston, New York 12401.                                | carlacute111@gmail.com    | Foreigner        |
+----------------+---------------------------------+-------------------+----------------------------------------------------------------------------+---------------------------+------------------+
12 rows in set (0.00 sec)
```

SELECT * FROM OnlineBookstore;

```
mysql> SELECT * FROM OnlineBookstore;
+---------------+----------------------------------------------------------+----------------+
| Bookstore_Code | Bookstore_Address                                        | Bookstore_Phone |
+---------------+----------------------------------------------------------+----------------+
| BS001         | Lot 358, Jalan Perpaduan, 40172 Shah Alam, Selangor      | 03-2312471     |
| BS002         | No. 3425, Jalan Jubli Perak, 31600 Gopeng, Perak         | 03-4743647     |
| BS003         | Lot 14, Jalan Permai, 85771 Skudai, Johor                | 03-9034892     |
| BS004         | 2A-5-C, Jalan Wisma, 30300 Ipoh, Perak                   | 09-3489124     |
| BS005         | No. 214, Jalan 5/2E, 47300 Petaling Jaya, Selangor       | 03-7467846     |
| BS006         | No. 49, Jalan Kecil, 59100 Bangsa Utama, Kuala Lumpur    | 06-9214714     |
| BS007         | No. 2, Jalan Bentara 4, 59513 Kuala Lumpur, Kuala Lumpur | 08-9827481     |
| BS008         | 34-D, Jalan Bukit Besi, 80250 Johor Bharu, Johor         | 01-2421444     |
| BS009         | 37, Taman Desa, 10797 George Town, Pulau Pinang          | 02-2342342     |
| BS010         | 6A-5, Jalan Industri 2/4, 47631 Subang Jaya, Selangor    | 04-3423424     |
+---------------+----------------------------------------------------------+----------------+
10 rows in set (0.00 sec)
```

SELECT * FROM Competition;

```
mysql> SELECT * FROM Competition;
+---------------+-----------------------------------------------+------------------+
| Competition_ID | Competition_Type                              | Competition_Date |
+---------------+-----------------------------------------------+------------------+
| C0001         | News Reader                                   | 2022-09-25       |
| C0012         | Fairy Story Telling                           | 2022-10-23       |
| C0023         | Poetry Reading                                | 2022-10-24       |
| C0034         | Spanish Challenge Reading Competition         | 2022-11-15       |
| C0035         | Japanese Challenge Reading Competition        | 2022-11-16       |
| C0036         | German Challenge Reading Competition          | 2022-11-17       |
| C0037         | Chinese Challenge Reading Competition         | 2022-11-18       |
| C0042         | Arabic Challenge Reading Competition          | 2022-12-20       |
| C0044         | Cantonese Challenge Reading Competition       | 2022-12-21       |
| C0046         | English Challenge Reading Competition         | 2022-12-22       |
| C0053         | Hokkien Challenge Reading Competition         | 2022-12-12       |
| C0060         | Bahasa Melayu Challenge Reading Competition   | 2022-10-20       |
+---------------+-----------------------------------------------+------------------+
12 rows in set (0.00 sec)
```

SELECT * FROM Book;

```
mysql> SELECT * FROM Book;
+-------------------+-----------+-------------+-----------+------------------------------------+-------+
| Book_ISBN         | Author_ID | Publisher_ID | Book_Year | Book_Title                         | Price |
+-------------------+-----------+-------------+-----------+------------------------------------+-------+
| 978-1-60309-038-4 | A001      | P0006       | 2008      | Twinkle Power                      | 9.95  |
| 978-1-60309-344-6 | A009      | P0004       | 1990      | Lost Girls                         | 49.99 |
| 978-1-60309-454-2 | A002      | P0007       | 2003      | The Delicacy                       | 24.99 |
| 978-1-60309-492-4 | A004      | P0003       | 2022      | Doughnuts and Doom                 | 14.99 |
| 978-1-60309-502-0 | A008      | P0004       | 2002      | Animal Stories                     | 19.99 |
| 978-1-60309-504-4 | A009      | P0008       | 1991      | The Graphic Novel                  | 14.95 |
| 978-1-60309-505-1 | A005      | P0002       | 1995      | The League of Extraordinary Gentlemen | 29.95 |
| 978-1-60309-513-6 | A007      | P0010       | 2017      | Highwater Pants                    | 14.59 |
| 978-1-60309-514-3 | A003      | P0004       | 2018      | Under the River                    | 24.99 |
| 978-1-891830-02-0 | A010      | P0009       | 2006      | A Comic Strip Biography            | 39.99 |
+-------------------+-----------+-------------+-----------+------------------------------------+-------+
10 rows in set (0.00 sec)
```

SELECT * FROM ShoppingBasket;

```
mysql> SELECT * FROM ShoppingBasket;
+-----------------+-------------------------+---------------+
| ShoppingBasket_ID | Customer_Email        | Shopping_Date |
+-----------------+-------------------------+---------------+
|        20142578 | jycute73@gmail.com      | 2022-09-01    |
|        20179876 | loh888@gmail.com        | 2022-12-12    |
|        20198765 | zmchen11@gmail.com      | 2022-12-09    |
|        20200102 | jessietjh20@gmail.com   | 2022-09-08    |
|        20209876 | armiraaaa47@gmail.com   | 2022-11-12    |
|        20210938 | chendp007@gmail.com     | 2022-10-17    |
|        20210987 | syasya71@gmail.com      | 2022-10-09    |
|        20220103 | slmisthebest32@gmail.com| 2022-08-16    |
|        20220216 | preetaking007@gmail.com | 2022-07-25    |
|        20220308 | nazeem666@gmail.com     | 2022-12-01    |
|        20221225 | hajiftd8877@gmail.com   | 2022-10-12    |
|        20221229 | armiraaaa47@gmail.com   | 2022-11-10    |
+-----------------+-------------------------+---------------+
12 rows in set (0.00 sec)
```

SELECT * FROM ShoppingBasket_Book;

```
mysql> SELECT * FROM ShoppingBasket_Book;
+-----------------+-------------------+----------+
| ShoppingBasket_ID | Book_ISBN       | CountSBB |
+-----------------+-------------------+----------+
|        20142578 | 978-1-60309-513-6 |        3 |
|        20179876 | 978-1-60309-505-1 |        6 |
|        20198765 | 978-1-60309-504-4 |        1 |
|        20200102 | 978-1-60309-514-3 |        4 |
|        20209876 | 978-1-60309-344-6 |       12 |
|        20210938 | 978-1-60309-038-4 |       14 |
|        20210987 | 978-1-60309-505-1 |       23 |
|        20220103 | 978-1-60309-492-4 |        3 |
|        20220216 | 978-1-60309-513-6 |        2 |
|        20220308 | 978-1-891830-02-0 |        2 |
|        20221225 | 978-1-60309-454-2 |        7 |
|        20221229 | 978-1-60309-502-0 |        4 |
+-----------------+-------------------+----------+
12 rows in set (0.00 sec)
```

SELECT * FROM Warehouse;

```
mysql> SELECT * FROM Warehouse;
+----------------+----------------+-----------------+---------------------------------------------------------------+
| Warehouse_Code | Bookstore_Code | Warehouse_Phone | Warehouse_Address                                             |
+----------------+----------------+-----------------+---------------------------------------------------------------+
|         401548 | BS004          | 02-4937474      | Lot 62, Jalan Abdullah 3/7, 43000 Kajang, Selangor            |
|         428170 | BS009          | 05-3427398      | Lot 2A, Jalan Perpaduan,  59513 Kuala Lumpur, Kuala Lumpur    |
|         432133 | BS001          | 03-3257209      | Lot 345, Jalan Paramesara 1/4, 71800 Nilai, Negeri Sembilan   |
|         432750 | BS006          | 06-3242788      | Lot 152, Jalan Bangsar, 52100 Kepong, Kuala Lumpur            |
|         437910 | BS005          | 01-9832424      | Lot 262, Jalan Arif 3/8, 46200 Petaling Jaya, Selangor        |
|         443618 | BS004          | 01-8725892      | Lot 274, Jalan Bukit Besi, 50160 Titiwangsa, Kuala Lumpur     |
|         450929 | BS007          | 09-3423428      | Lot 7A, Jalan Perak, 46200 Petaling Jaya, Selangor            |
|         455685 | BS008          | 07-3444783      | Lot D35, Jalan Minah, 80200 Johor Bharu, Johor                |
|         487411 | BS003          | 03-9742389      | Lot 25, Jalan Putera 2/9, 85000 Segamat, Johor                |
|         489320 | BS008          | 09-4238253      | Lot 5A, Jalan Abdul, 43000 Kajang, Selangor                   |
|         493110 | BS002          | 03-4837264      | Lot 98, Jalan Desa, 50000 Kuala Lumpur, Kuala Lumpur          |
|         495979 | BS010          | 05-4234793      | Lot 34, Jalan Permai S1, 40172 Shah Alam, Selangor            |
+----------------+----------------+-----------------+---------------------------------------------------------------+
12 rows in set (0.00 sec)
```

SELECT * FROM Warehouse_Book;

```
mysql> SELECT * FROM Warehouse_Book;
+----------------+---------------------+---------+
| Warehouse_Code | Book_ISBN           | CountWB |
+----------------+---------------------+---------+
|         401548 | 978-1-60309-513-6   |    2368 |
|         428170 | 978-1-60309-504-4   |    5521 |
|         432133 | 978-1-60309-502-0   |    4444 |
|         432750 | 978-1-60309-038-4   |    4354 |
|         437910 | 978-1-60309-514-3   |    8763 |
|         443618 | 978-1-60309-513-6   |    9023 |
|         450929 | 978-1-60309-505-1   |    2489 |
|         455685 | 978-1-60309-344-6   |    6543 |
|         487411 | 978-1-60309-492-4   |    3465 |
|         489320 | 978-1-60309-038-4   |    1234 |
|         493110 | 978-1-60309-454-2   |    3245 |
|         495979 | 978-1-891830-02-0   |    4692 |
+----------------+---------------------+---------+
12 rows in set (0.00 sec)
```

SELECT * FROM Staff;

```
mysql> SELECT * FROM Staff;
+----------+----------------+------------------------+-------------+---------------------------------+
| Staff_ID | Bookstore_Code | Staff_Name             | Staff_Mobile| Staff_Email                     |
+----------+----------------+------------------------+-------------+---------------------------------+
| ST007    | BS008          | Dharshen a/l Danny     | 06-822 4572 | dharshenaldanny@gmail.com       |
| ST023    | BS001          | Grace Lim Zi Wei       | 01-9956 4992| gracelimziwei@gmail.com         |
| ST120    | BS003          | Khairul bin Abdul Rahman| 04-879 6400| khairulbinabdulrahman@gmail.com |
| ST189    | BS010          | David Lau Jing Luen    | 06-773 2200 | davidlaujingleun@gmail.com      |
| ST203    | BS004          | Christine Chong        | 03-990 0214 | christinechong@gmail.com        |
| ST222    | BS002          | Alan Ching Khai Zhe    | 03-723 8872 | alanchingkhaizhe@gmail.com      |
| ST270    | BS005          | Rosmah binti Hema      | 03-123 8493 | rosmahbintihema@gmail.com       |
| ST466    | BS009          | Lim Pek Sheng          | 07-921 0293 | limpeksheng@gmail.com           |
| ST556    | BS006          | Syed Saddiq bin        | 03-829 9923 | syedsaddiqbinabdul@gmail.com    |
| ST640    | BS004          | Danish a/l Thurgashini | 07-992 0183 | danishalthurgashini@gmail.com   |
| ST762    | BS007          | Ken Fong Ka Quan       | 07-847 0327 | kenfongkaquan@gmail.com         |
| ST822    | BS008          | Daniel Tan             | 03-280 0293 | danieltan@gamil.com             |
+----------+----------------+------------------------+-------------+---------------------------------+
12 rows in set (0.00 sec)
```

SELECT * FROM Prize;

```
mysql> SELECT * FROM Prize;
+----------+----------------+----------+-----------------------+
| Prize_ID | Participant_ID | Staff_ID | Prize_Name            |
+----------+----------------+----------+-----------------------+
| PR001    | PT001          | ST023    | Book Voucher RM50     |
| PR002    | PT002          | ST222    | Tng Voucher RM150     |
| PR003    | PT003          | ST120    | Book Voucher RM150    |
| PR004    | PT004          | ST640    | Tng Voucher RM120     |
| PR005    | PT005          | ST270    | GrabPay Voucher RM100 |
| PR006    | PT006          | ST556    | Lazada Voucher RM100  |
| PR007    | PT007          | ST762    | Shopee Voucher RM120  |
| PR008    | PT008          | ST007    | Tng Voucher RM120     |
| PR009    | PT209          | ST466    | Shopee Voucher RM200  |
| PR010    | PT010          | ST189    | Book Voucher RM200    |
| PR011    | PT011          | ST203    | Lazada Voucher RM120  |
| PR012    | PT212          | ST822    | Tng Voucher RM120     |
+----------+----------------+----------+-----------------------+
12 rows in set (0.00 sec)
```

SELECT * FROM Score;

```
mysql> SELECT * FROM Score;
+----------+----------------+----------------+----------+-------------+
| Score_ID | Participant_ID | Competition_ID | Prize_ID | Score_Total |
+----------+----------------+----------------+----------+-------------+
| SD0007   | PT001          | C0001          | PR001    |         645 |
| SD0070   | PT011          | C0053          | PR011    |         895 |
| SD0110   | PT004          | C0034          | PR004    |         452 |
| SD0208   | PT002          | C0012          | PR002    |         756 |
| SD0217   | PT005          | C0035          | PR005    |         654 |
| SD0612   | PT010          | C0046          | PR010    |         657 |
| SD0713   | PT007          | C0037          | PR007    |         425 |
| SD0820   | PT212          | C0060          | PR012    |         666 |
| SD2012   | PT006          | C0036          | PR006    |         999 |
| SD3009   | PT003          | C0023          | PR003    |         858 |
| SD5015   | PT209          | C0044          | PR009    |         756 |
| SD9014   | PT008          | C0042          | PR008    |         534 |
+----------+----------------+----------------+----------+-------------+
12 rows in set (0.00 sec)
```

Update

1. Update the price of the book to 16.95 based on Book_ISBN='978-1-60309-038-4'.

UPDATE Book SET Price = 16.95

WHERE Book_ISBN = '978-1-60309-038-4';

```
mysql> UPDATE Book
    -> SET Price = 16.95
    -> WHERE Book_ISBN = '978-1-60309-038-4';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

SELECT * FROM Book;

```
mysql> SELECT * FROM Book;
+-------------------+-----------+--------------+-----------+---------------------------------------+-------+
| Book_ISBN         | Author_ID | Publisher_ID | Book_Year | Book_Title                            | Price |
+-------------------+-----------+--------------+-----------+---------------------------------------+-------+
| 978-1-60309-038-4 | A001      | P0006        |      2008 | Twinkle Power                         | 16.95 |
| 978-1-60309-344-6 | A009      | P0004        |      1990 | Lost Girls                            | 49.99 |
| 978-1-60309-454-2 | A002      | P0007        |      2003 | The Delicacy                          | 24.99 |
| 978-1-60309-492-4 | A004      | P0003        |      2022 | Doughnuts and Doom                    | 14.99 |
| 978-1-60309-502-0 | A008      | P0004        |      2002 | Animal Stories                        | 19.99 |
| 978-1-60309-504-4 | A009      | P0008        |      1991 | The Graphic Novel                     | 14.95 |
| 978-1-60309-505-1 | A005      | P0002        |      1995 | The League of Extraordinary Gentlemen | 29.95 |
| 978-1-60309-513-6 | A007      | P0010        |      2017 | Highwater Pants                       | 14.59 |
| 978-1-60309-514-3 | A003      | P0004        |      2018 | Under the River                       | 24.99 |
| 978-1-891830-02-0 | A010      | P0009        |      2006 | A Comic Strip Biography               | 39.99 |
+-------------------+-----------+--------------+-----------+---------------------------------------+-------+
10 rows in set (0.00 sec)
```

2. Update the phone number of the staff to '03-7710 0110' based on Staff_ID='ST023'.

UPDATE Staff

SET Staff_Mobile= '03-7710 0110'
WHERE Staff_ID='ST023';

```
mysql> UPDATE Book
    -> SET Price = 16.95
    -> WHERE Book_ISBN = '978-1-60309-038-4';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

SELECT * FROM Book;

```
mysql> SELECT * FROM Book;
+-------------------+-----------+--------------+-----------+---------------------------------------+-------+
| Book_ISBN         | Author_ID | Publisher_ID | Book_Year | Book_Title                            | Price |
+-------------------+-----------+--------------+-----------+---------------------------------------+-------+
| 978-1-60309-038-4 | A001      | P0006        |      2008 | Twinkle Power                         | 16.95 |
| 978-1-60309-344-6 | A009      | P0004        |      1990 | Lost Girls                            | 49.99 |
| 978-1-60309-454-2 | A002      | P0007        |      2003 | The Delicacy                          | 24.99 |
| 978-1-60309-492-4 | A004      | P0003        |      2022 | Doughnuts and Doom                    | 14.99 |
| 978-1-60309-502-0 | A008      | P0004        |      2002 | Animal Stories                        | 19.99 |
| 978-1-60309-504-4 | A009      | P0008        |      1991 | The Graphic Novel                     | 14.95 |
| 978-1-60309-505-1 | A005      | P0002        |      1995 | The League of Extraordinary Gentlemen | 29.95 |
| 978-1-60309-513-6 | A007      | P0010        |      2017 | Highwater Pants                       | 14.59 |
| 978-1-60309-514-3 | A003      | P0004        |      2018 | Under the River                       | 24.99 |
| 978-1-891830-02-0 | A010      | P0009        |      2006 | A Comic Strip Biography               | 39.99 |
+-------------------+-----------+--------------+-----------+---------------------------------------+-------+
10 rows in set (0.00 sec)
```

Delete

1. Delete all information about the publisher with Publisher_ID='P0005'.

DELETE FROM Publisher
WHERE Publisher_ID='P0005';

```
mysql> DELETE FROM Publisher
    -> WHERE Publisher_ID='P0005';
Query OK, 1 row affected (0.01 sec)
```

SELECT * FROM Publisher;

Before:

```
mysql> SELECT * FROM Publisher;
+-------------+----------------------------+------------------------------------------------------------------------------+-----------------+
| Publisher_ID | Publisher_Name            | Publisher_Address                                                            | Publisher_Phone |
+-------------+----------------------------+------------------------------------------------------------------------------+-----------------+
| P0001       | Oxferd Fajar Sdn Bhd      | 999, Jalan Pemaju, 40150 Shah Alam, Selangor                                 | 03-5629400      |
| P0002       | GoldFish Book Sdn Bhd     | No. 360, Lintang Macallum, 10300 George Town, Pulau Pinang                   | 09-9994424      |
| P0003       | Hup Seng Book Sdn Bhd     | 5529, Jalan Marif 2/5, 59000 Bangsar, Selangor                               | 01-4248892      |
| P0004       | Kanying Publication Sdn Bhd | 35, Jalan Industri Kidamai,43000 Kajang, Selangor                          | 04-2423949      |
| P0005       | Navinden Pubication Sdn Bhd | 73, Jalan Maarof, Bangsar, 59000 Kuala Lumpur, Kuala Lumpur               | 03-2235490      |
| P0006       | Rosmah Book Sdn Bhd       | No. 35, Block C5, Jalan Parameswara, 47301 Petaling Jaya, Selangor           | 06-8795292      |
| P0007       | Pernebit UM               | C4-26, Bukit Bakar Industrial Area, 52100 Kepong, Kuala Lumpur               | 08-4837897      |
| P0008       | Pelangor Pubishing Group  | Lot 22, Taman Perindustrian Ayer, 80250, Johor Bharu, Johor                  | 07-0217474      |
| P0009       | Sental Press Sdn Bhd      | B-4-C, Jalan Kenari 5, Alam Damai, 56000 Cheras, Kuala Lumpur                | 03-4258393      |
| P0010       | Ali Publication Sdn Bhd   | 58, Jalan Bukit 24/5, Seksyen 51 Petaling Jaya, 46200 Petaling Jaya, Selangor | 02-2423490      |
+-------------+----------------------------+------------------------------------------------------------------------------+-----------------+
10 rows in set (0.00 sec)
```

After:

```
mysql> SELECT * FROM Publisher;
+-------------+----------------------------+------------------------------------------------------------------------------+-----------------+
| Publisher_ID | Publisher_Name            | Publisher_Address                                                            | Publisher_Phone |
+-------------+----------------------------+------------------------------------------------------------------------------+-----------------+
| P0001       | Oxferd Fajar Sdn Bhd      | 999, Jalan Pemaju, 40150 Shah Alam, Selangor                                 | 03-5629400      |
| P0002       | GoldFish Book Sdn Bhd     | No. 360, Lintang Macallum, 10300 George Town, Pulau Pinang                   | 09-9994424      |
| P0003       | Hup Seng Book Sdn Bhd     | 5529, Jalan Marif 2/5, 59000 Bangsar, Selangor                               | 01-4248892      |
| P0004       | Kanying Publication Sdn Bhd | 35, Jalan Industri Kidamai,43000 Kajang, Selangor                          | 04-2423949      |
| P0006       | Rosmah Book Sdn Bhd       | No. 35, Block C5, Jalan Parameswara, 47301 Petaling Jaya, Selangor           | 06-8795292      |
| P0007       | Pernebit UM               | C4-26, Bukit Bakar Industrial Area, 52100 Kepong, Kuala Lumpur               | 08-4837897      |
| P0008       | Pelangor Pubishing Group  | Lot 22, Taman Perindustrian Ayer, 80250, Johor Bharu, Johor                  | 07-0217474      |
| P0009       | Sental Press Sdn Bhd      | B-4-C, Jalan Kenari 5, Alam Damai, 56000 Cheras, Kuala Lumpur                | 03-4258393      |
| P0010       | Ali Publication Sdn Bhd   | 58, Jalan Bukit 24/5, Seksyen 51 Petaling Jaya, 46200 Petaling Jaya, Selangor | 02-2423490      |
+-------------+----------------------------+------------------------------------------------------------------------------+-----------------+
9 rows in set (0.00 sec)
```

WHERE/HAVING/GROUP BY/AND/OR/ BETWEEN / LIKE/ORDER BY

1) WHERE

Display all information from the table Book with the Publisher_ID='P0004'.

SELECT *
FROM Book
WHERE Publisher_ID='P0004';

```
mysql> SELECT * FROM Book
    -> WHERE Publisher_ID='P0004';
+-----------------+-----------+--------------+-----------+-----------------+--------+
| Book_ISBN       | Author_ID | Publisher_ID | Book_Year | Title           | Price  |
+-----------------+-----------+--------------+-----------+-----------------+--------+
| 978-1-60309-344-6 | A009    | P0004        |      1990 | Lost Girls      | 49.99  |
| 978-1-60309-502-0 | A008    | P0004        |      2002 | Animal Stories  | 19.99  |
| 978-1-60309-514-3 | A003    | P0004        |      2018 | Under the River | 24.99  |
+-----------------+-----------+--------------+-----------+-----------------+--------+
3 rows in set (0.01 sec)
```

2) HAVING

Display Customer_Email, Customer_Name and the total number of books the customer added to the shopping basket, with the condition the total number of books the customer added to the shopping basket is greater than 10.

SELECT C.Customer_Email, Customer_Name, SUM(CountSBB) AS 'Total Book Purchased'
FROM Customer AS C, ShoppingBasket AS S, ShoppingBasket_Book AS B
WHERE C.Customer_Email=S.Customer_Email AND
S.ShoppingBasket_ID=B.ShoppingBasket_ID
GROUP BY C.Customer_Email
HAVING SUM(CountSBB) > 10;

```
mysql> SELECT C.Customer_Email, Customer_Name, SUM(CountSBB) AS 'Total Book Purchased'
    -> FROM Customer AS C, ShoppingBasket AS S , ShoppingBasket_Book AS B
    -> WHERE C.Customer_Email=S.Customer_Email
    -> AND S.ShoppingBasket_ID=B.ShoppingBasket_ID
    -> GROUP BY C.Customer_Email
    -> HAVING SUM(CountSBB) > 10;
+----------------------+----------------------------+----------------------+
| Customer_Email       | Customer_Name              | Total Book Purchased |
+----------------------+----------------------------+----------------------+
| armiraaaa47@gmail.com | Nur Armira binti Syed Fairuz |                 16 |
| chendp007@gmail.com  | Chen Dong Pin              |                   14 |
| syasya71@gmail.com   | Syafina binti Fadillah     |                   23 |
+----------------------+----------------------------+----------------------+
3 rows in set (0.00 sec)
```

3) GROUP BY

Retrieve Publisher_ID, Publisher_Name and the number of types of books published by the publisher, group this by Publisher_ID.

SELECT P.Publisher_ID, Publisher_Name, Count(Book_Title) AS 'Number of published books purchased'
FROM Publisher as P, Book
WHERE P.Publisher_ID=Book.Publisher_ID
GROUP BY P.Publisher_ID;

```
mysql> SELECT P.Publisher_ID, Publisher_Name, Count(Book_Title) AS 'Number of published books purchased'
    -> FROM Publisher as P, Book
    -> WHERE P.Publisher_ID=Book.Publisher_ID
    -> GROUP BY P.Publisher_ID;
+--------------+---------------------------+-------------------------------------+
| Publisher_ID | Publisher_Name            | Number of published books purchased |
+--------------+---------------------------+-------------------------------------+
| P0002        | GoldFish Book Sdn Bhd     |                                   1 |
| P0003        | Hup Seng Book Sdn Bhd     |                                   1 |
| P0004        | Kanying Publication Sdn Bhd|                                  3 |
| P0006        | Rosmah Book Sdn Bhd       |                                   1 |
| P0007        | Pernebit UM               |                                   1 |
| P0008        | Pelangor Pubishing Group  |                                   1 |
| P0009        | Sental Press Sdn Bhd      |                                   1 |
| P0010        | Ali Publication Sdn Bhd   |                                   1 |
+--------------+---------------------------+-------------------------------------+
8 rows in set (0.00 sec)
```

4) AND

Display all information from the table book with the book_year greater than 2000 and the price of the book greater than 20.00.

SELECT * FROM Book
WHERE Book_Year>2000
AND Price>20.00;

```
mysql> SELECT * FROM Book
    -> WHERE Book_Year>2000
    -> AND Price>20.00;
+-------------------+-----------+--------------+-----------+-------------------------+-------+
| Book_ISBN         | Author_ID | Publisher_ID | Book_Year | Title                   | Price |
+-------------------+-----------+--------------+-----------+-------------------------+-------+
| 978-1-60309-454-2 | A002      | P0007        |      2003 | The Delicacy            | 24.99 |
| 978-1-60309-514-3 | A003      | P0004        |      2018 | Under the River         | 24.99 |
| 978-1-891830-02-0 | A010      | P0009        |      2006 | A Comic Strip Biography | 39.99 |
+-------------------+-----------+--------------+-----------+-------------------------+-------+
3 rows in set (0.00 sec)
```

5) BETWEEN

Display the Book_ISBN, the number of book in storage and the title of the books,with the condition the number of book in storage is between 4000 and 8000.

SELECT Book.Book_ISBN, CountWB AS 'Number of Book in Storage',Book_Title
FROM Book, Warehouse_Book AS W
WHERE Book.Book_ISBN=W.Book_ISBN
AND CountWB
BETWEEN 4000
AND 8000;

```
mysql> SELECT Book.Book_ISBN, CountWB AS 'Number of Book in Storage',Book_Title
    -> FROM Book ,Warehouse_Book AS W
    -> WHERE Book.Book_ISBN=W.Book_ISBN
    -> AND CountWB BETWEEN 4000 AND 8000;
+------------------+---------------------------+------------------------+
| Book_ISBN        | Number of Book in Storage | Book_Title             |
+------------------+---------------------------+------------------------+
| 978-1-60309-504-4 |                      5521 | The Graphic Novel      |
| 978-1-60309-502-0 |                      4444 | Animal Stories         |
| 978-1-60309-038-4 |                      4354 | Twinkle Power          |
| 978-1-60309-344-6 |                      6543 | Lost Girls             |
| 978-1-891830-02-0 |                      4692 | A Comic Strip Biography |
+------------------+---------------------------+------------------------+
5 rows in set (0.00 sec)
```

6) OR

Display all information from the table competition with the condition the competition_date is in October or December and arrange the information according to the competition_date in ascending order.

SELECT * FROM Competition
WHERE Competition_Date
LIKE '%-10-%'
OR Competition_Date
LIKE '%-12-%'
ORDER BY Competition_Date ASC;

```
mysql> SELECT * FROM Competition
    -> WHERE Competition_Date LIKE '%-10-%'
    -> OR Competition_Date LIKE '%-12-%'
    -> ORDER BY Competition_Date ASC;
+----------------+------------------------------------------------+------------------+
| Competition_ID | Competition_Type                               | Competition_Date |
+----------------+------------------------------------------------+------------------+
| C0060          | Bahasa Melayu Challenge Reading Competition     | 2022-10-20       |
| C0012          | Fairy Story Telling                             | 2022-10-23       |
| C0023          | Poetry Reading                                  | 2022-10-24       |
| C0053          | Hokkien Challenge Reading Competition           | 2022-12-12       |
| C0042          | Arabic Challenge Reading Competition            | 2022-12-20       |
| C0044          | Cantonese Challenge Reading Competition         | 2022-12-21       |
| C0046          | English Challenge Reading Competition           | 2022-12-22       |
+----------------+------------------------------------------------+------------------+
7 rows in set (0.00 sec)
```

7) LIKE

Display all the information from the table prize where the Prize_Name contains the word "tng".

SELECT * FROM Prize
WHERE Prize_Name
LIKE 'Tng%';

```
mysql> SELECT * FROM Prize
    -> WHERE Prize_Name LIKE 'Tng%';
+----------+----------------+----------+-------------------+
| Prize_ID | Participant_ID | Staff_ID | Prize_Name        |
+----------+----------------+----------+-------------------+
| PR002    | PT002          | ST222    | Tng Voucher RM150 |
| PR004    | PT004          | ST640    | Tng Voucher RM120 |
| PR008    | PT008          | ST007    | Tng Voucher RM120 |
| PR012    | PT212          | ST822    | Tng Voucher RM120 |
+----------+----------------+----------+-------------------+
4 rows in set (0.00 sec)
```

8) ORDER BY

Display all information from the table warehouse and arrange the information according to the Bookstore_Code and Warehouse_Code in ascending order.

SELECT *
FROM Warehouse
ORDER BY Bookstore_Code,Warehouse_Code ASC;

```
mysql> SELECT * FROM Warehouse
    -> ORDER BY Bookstore_Code,Warehouse_Code ASC;
+----------------+----------------+----------------+-------------------------------------------------------+
| Warehouse_Code | Bookstore_Code | Warehouse_Phone | Warehouse_Address                                    |
+----------------+----------------+----------------+-------------------------------------------------------+
|         432133 | BS001          | 03-3257209     | Lot 345, Jalan Paramesara 1/4, 71800 Nilai, Negeri Sembilan |
|         493110 | BS002          | 03-4837264     | Lot 98, Jalan Desa, 50000 Kuala Lumpur, Kuala Lumpur  |
|         487411 | BS003          | 03-9742389     | Lot 25, Jalan Putera 2/9, 85000 Segamat, Johor        |
|         401548 | BS004          | 02-4937474     | Lot 62, Jalan Abdullah 3/7, 43000 Kajang, Selangor    |
|         443618 | BS004          | 01-8725892     | Lot 274, Jalan Bukit Besi, 50160 Titiwangsa, Kuala Lumpur |
|         437910 | BS005          | 01-9832424     | Lot 262, Jalan Arif 3/8, 46200 Petaling Jaya, Selangor |
|         432750 | BS006          | 06-3242788     | Lot 152, Jalan Bangsar, 52100 Kepong, Kuala Lumpur    |
|         450929 | BS007          | 09-3423428     | Lot 7A, Jalan Perak, 46200 Petaling Jaya, Selangor    |
|         455685 | BS008          | 07-3444783     | Lot D35, Jalan Minah, 80200 Johor Bharu, Johor        |
|         489320 | BS008          | 09-4238253     | Lot 5A, Jalan Abdul, 43000 Kajang, Selangor           |
|         428170 | BS009          | 05-3427398     | Lot 2A, Jalan Perpaduan,  59513 Kuala Lumpur, Kuala Lumpur |
|         495979 | BS010          | 05-4234793     | Lot 34, Jalan Permai S1, 40172 Shah Alam, Selangor    |
+----------------+----------------+----------------+-------------------------------------------------------+
12 rows in set (0.00 sec)
```

AGGREGATE FUNCTION: MIN, MAX, AVG, COUNT, SUM

1) MIN

Display Participant_ID, Participant_Name, Competition_ID, Competition_Type and Score_Total with the condition the score_total is the smallest.

SELECT S.Participant_ID,Participant_Name,S.Competition_ID,
Competition_Type,Score_Total
FROM Participant AS P,Competition AS C, Score AS S WHERE
P.Participant_ID=S.Participant_ID
AND C.Competition_ID=S.Competition_ID
AND Score_Total = (SELECT MIN(Score_Total) FROM Score);

```
mysql> SELECT S.Participant_ID,Participant_Name,S.Competition_ID, Competition_Type,Score_Total
    -> FROM Participant AS P,Competition AS C, Score AS S
    -> WHERE P.Participant_ID=S.Participant_ID
    -> AND C.Competition_ID=S.Competition_ID
    -> AND Score_Total =(
    -> SELECT MIN(Score_Total) FROM Score);
+----------------+-----------------------------------+----------------+-------------------------------------+-------------+
| Participant_ID | Participant_Name                  | Competition_ID | Competition_Type                    | Score_Total |
+----------------+-----------------------------------+----------------+-------------------------------------+-------------+
| PT007          | Nurul Farah Binti Abdulah Syabir  | C0037          | Chinese Challenge Reading Competition | 425       |
+----------------+-----------------------------------+----------------+-------------------------------------+-------------+
1 row in set (0.00 sec)
```

2) MAX

Display all information about the latest book.

SELECT *
FROM Book
WHERE Book_Year=(SELECT MAX(Book_Year) FROM Book);

```
mysql> SELECT * FROM Book
    -> WHERE Book_Year=(
    -> SELECT MAX(Book_Year) FROM Book);
+-------------------+-----------+--------------+-----------+-------------------+-------+
| Book_ISBN         | Author_ID | Publisher_ID | Book_Year | Title             | Price |
+-------------------+-----------+--------------+-----------+-------------------+-------+
| 978-1-60309-492-4 | A004      | P0003        |      2022 | Doughnuts and Doom | 14.99 |
+-------------------+-----------+--------------+-----------+-------------------+-------+
1 row in set (0.00 sec)
```

3) AVG

Display the average total of the scores for the whole competition.

SELECT AVG(Score_Total)
FROM Score;

```
mysql> SELECT AVG(Score_Total)
    ->  FROM Score;
+------------------+
| AVG(Score_Total) |
+------------------+
|         691.4167 |
+------------------+
1 row in set (0.00 sec)
```

4) COUNT

Count the number of the warehouses for each bookstore.

SELECT Bookstore_Code, COUNT(Warehouse_Code) AS 'Number of Warehouse owned'
FROM Warehouse
GROUP BY Bookstore_Code;

```
mysql> SELECT Bookstore_Code, COUNT(Warehouse_Code) AS 'Number of Warehouse owned'
    -> FROM Warehouse
    -> GROUP BY Bookstore_Code;
+----------------+---------------------------+
| Bookstore_Code | Number of Warehouse owned |
+----------------+---------------------------+
| BS001          |                         1 |
| BS002          |                         1 |
| BS003          |                         1 |
| BS004          |                         2 |
| BS005          |                         1 |
| BS006          |                         1 |
| BS007          |                         1 |
| BS008          |                         2 |
| BS009          |                         1 |
| BS010          |                         1 |
+----------------+---------------------------+
10 rows in set (0.02 sec)
```

Count the number of staff for each bookstore.

SELECT Bookstore_Code,COUNT(Staff_ID) AS 'Number of Staff sent to help manage the competition'
FROM Staff
GROUP BY Bookstore_Code;

```
mysql> SELECT Bookstore_Code,COUNT(Staff_ID) AS 'Number of Staff sent to help manage the competition'
    -> FROM Staff
    -> GROUP BY Bookstore_Code;
+----------------+-----------------------------------------------------+
| Bookstore_Code | Number of Staff sent to help manage the competition |
+----------------+-----------------------------------------------------+
| BS001          |                                                   1 |
| BS002          |                                                   1 |
| BS003          |                                                   1 |
| BS004          |                                                   2 |
| BS005          |                                                   1 |
| BS006          |                                                   1 |
| BS007          |                                                   1 |
| BS008          |                                                   2 |
| BS009          |                                                   1 |
| BS010          |                                                   1 |
+----------------+-----------------------------------------------------+
10 rows in set (0.01 sec)
```

5) SUM

Display Book_ISBN, Title and the total number of books in stock, group this by Book_ISBN.

SELECT B.Book_ISBN, Book_Title, SUM(CountWB) AS 'Stock Quantity'
FROM Warehouse_Book AS W, Book AS B
WHERE W.Book_ISBN=B.Book_ISBN
GROUP BY B.Book_ISBN;36

```
mysql> SELECT B.Book_ISBN, Book_Title, SUM(CountWB) AS 'Stock Quantity'
    -> FROM Warehouse_Book AS W, Book AS B
    -> WHERE W.Book_ISBN=B.Book_ISBN
    -> GROUP BY B.Book_ISBN;
+-------------------+-------------------------------------+----------------+
| Book_ISBN         | Book_Title                          | Stock Quantity |
+-------------------+-------------------------------------+----------------+
| 978-1-60309-038-4 | Twinkle Power                       |           5588 |
| 978-1-60309-344-6 | Lost Girls                          |           6543 |
| 978-1-60309-454-2 | The Delicacy                        |           3245 |
| 978-1-60309-492-4 | Doughnuts and Doom                  |           3465 |
| 978-1-60309-502-0 | Animal Stories                      |           4444 |
| 978-1-60309-504-4 | The Graphic Novel                   |           5521 |
| 978-1-60309-505-1 | The League of Extraordinary Gentlemen |         2489 |
| 978-1-60309-513-6 | Highwater Pants                     |          11391 |
| 978-1-60309-514-3 | Under the River                     |           8763 |
| 978-1-891830-02-0 | A Comic Strip Biography             |           4692 |
+-------------------+-------------------------------------+----------------+
10 rows in set (0.00 sec)
```

JOIN TABLES for at least 2 and MORE TABLES (complex queries)

1) JOIN TABLE (2 TABLES)

Display all the Author_ID, Author _Name, Book_Year and Title of the book.

SELECT A.Author_ID,Author_Name,Book_Year, Book_Title
FROM Author AS A
LEFT JOIN Book
ON A.Author_ID=Book.Author_ID;

```
mysql> SELECT A.Author_ID,Author_Name,Book_Year, Book_Title
    -> FROM Author AS A
    -> LEFT JOIN Book ON A.Author_ID=Book.Author_ID;
+-----------+-----------------------------+-----------+--------------------------------------+
| Author_ID | Author_Name                 | Book_Year | Book_Title                           |
+-----------+-----------------------------+-----------+--------------------------------------+
| A001      | Yew Kwang Hui               |      2008 | Twinkle Power                        |
| A002      | Samsudin Abdullah bin Fakri |      2003 | The Delicacy                         |
| A003      | Chetan A/L Bangla           |      2018 | Under the River                      |
| A004      | Grace Wong Jie Hui          |      2022 | Doughnuts and Doom                   |
| A005      | Siti Khadijah binti Kamal   |      1995 | The League of Extraordinary Gentlemen|
| A006      | Amrita A/P Pritia           |      NULL | NULL                                 |
| A007      | Uthaya A/L Sankar           |      2017 | Highwater Pants                      |
| A008      | Lim Kit Ching               |      2002 | Animal Stories                       |
| A009      | Sarah Rosmah binti Abdullah |      1990 | Lost Girls                           |
| A009      | Sarah Rosmah binti Abdullah |      1991 | The Graphic Novel                    |
| A010      | Ali Abdulah bin Ahmad       |      2006 | A Comic Strip Biography              |
+-----------+-----------------------------+-----------+--------------------------------------+
11 rows in set (0.00 sec)
```

2) JOIN TABLE (3 TABLES)

Display Bookstore_Code,Bookstore_Phone,Book_ISBN,Warehouse_Code, Warehouse_Address and the number of book in storage with the condition the warehouse address is in Selangor or Kuala Lumpur.

SELECT O.Bookstore_Code,Bookstore_Phone,WB.Book_ISBN,CountWB AS 'Number of books stored',W.Warehouse_Code,Warehouse_Address
FROM OnlineBookstore AS O, Warehouse_Book AS WB, Warehouse AS W
WHERE O.Bookstore_Code=W.Bookstore_Code
AND W.Warehouse_Code=WB.Warehouse_Code
AND (Warehouse_Address LIKE '%Selangor'
OR Warehouse_Address LIKE '%Kuala Lumpur');

```
mysql> SELECT O.Bookstore_Code,Bookstore_Phone,WB.Book_ISBN,CountWB AS'Number of books stored',W.Warehouse_Code,Warehouse_Address
    -> FROM OnlineBookstore AS O, Warehouse_Book AS WB, Warehouse AS W
    -> WHERE O.Bookstore_Code=W.Bookstore_Code
    -> AND W.Warehouse_Code=WB.Warehouse_Code
    -> AND (Warehouse_Address LIKE '%Selangor'
    -> OR Warehouse_Address LIKE '%Kuala Lumpur');
+----------------+-----------------+------------------+------------------------+----------------+----------------------------------------------------------+
| Bookstore_Code | Bookstore_Phone | Book_ISBN        | Number of books stored | Warehouse_Code | Warehouse_Address                                        |
+----------------+-----------------+------------------+------------------------+----------------+----------------------------------------------------------+
| BS004          | 09-3489124      | 978-1-60309-513-6 |                   2368 |         401548 | Lot 62, Jalan Abdullah 3/7, 43000 Kajang, Selangor       |
| BS009          | 02-2342342      | 978-1-60309-504-4 |                   5521 |         428170 | Lot 2A, Jalan Perpaduan,  59513 Kuala Lumpur, Kuala Lumpur|
| BS006          | 06-9214714      | 978-1-60309-038-4 |                   4354 |         432750 | Lot 152, Jalan Bangsar, 52100 Kepong, Kuala Lumpur       |
| BS005          | 03-7467846      | 978-1-60309-514-3 |                   8763 |         437910 | Lot 262, Jalan Arif 3/8, 46200 Petaling Jaya, Selangor   |
| BS004          | 09-3489124      | 978-1-60309-513-6 |                   9023 |         443618 | Lot 274, Jalan Bukit Besi, 50160 Titiwangsa, Kuala Lumpur|
| BS007          | 08-9827481      | 978-1-60309-505-1 |                   2489 |         450929 | Lot 7A, Jalan Perak, 46200 Petaling Jaya, Selangor       |
| BS008          | 01-2421444      | 978-1-60309-038-4 |                   1234 |         489320 | Lot 5A, Jalan Abdul, 43000 Kajang, Selangor              |
| BS002          | 03-4743647      | 978-1-60309-454-2 |                   3245 |         493110 | Lot 98, Jalan Desa, 50000 Kuala Lumpur, Kuala Lumpur     |
| BS010          | 04-3423424      | 978-1-891830-02-0 |                   4692 |         495979 | Lot 34, Jalan Permai S1, 40172 Shah Alam, Selangor       |
+----------------+-----------------+------------------+------------------------+----------------+----------------------------------------------------------+
9 rows in set (0.00 sec)
```

3) JOIN TABLE (4 TABLES)

Retrieve Participant_ID, Participant_Name, Participant_Type,Score_Total,Competition_Type, Competition_Date and Prize_Name.

SELECT P.Participant_ID,Participant_Name,Participant_Type,Score_Total,
Competition_Type,Competition_Date,Prize_Name
FROM Participant AS P,Score AS S,Competition AS C,Prize
WHERE P.Participant_ID=S.Participant_ID
AND S.Competition_ID=C.Competition_ID
AND Prize.Prize_ID=S.Prize_ID;

```
mysql> SELECT P.Participant_ID,Participant_Name,Participant_Type,Score_Total,Competition_Type,Competition_Date,Prize_Name
    -> FROM Participant AS P,Score AS S,Competition AS C,Prize
    -> WHERE P.Participant_ID=S.Participant_ID
    -> AND S.Competition_ID=C.Competition_ID
    -> AND Prize.Score_ID=S.Score_ID;
+----------------+--------------------------------+------------------+-------------+------------------------------------------+------------------+---------------------+
| Participant_ID | Participant_Name               | Participant_Type | Score_Total | Competition_Type                         | Competition_Date | Prize_Name          |
+----------------+--------------------------------+------------------+-------------+------------------------------------------+------------------+---------------------+
| PT001          | Kelvin Liew Wei Wen            | Malaysian        | 645         | News Reader                              | 2022-09-25       | Book Voucher RM50   |
| PT002          | Vijaya A/P Rajeswaran          | Malaysian        | 756         | Fairy Story Telling                      | 2022-10-23       | Tng Voucher RM150   |
| PT003          | Leong Zi Shan                  | Malaysian        | 858         | Poetry Reading                           | 2022-10-24       | Book Voucher RM150  |
| PT004          | Ahmad Muqri Bin Zahir          | Malaysian        | 452         | Spanish Challenge Reading Competition    | 2022-11-15       | Tng Voucher RM120   |
| PT005          | Syed Saddiq Bin Muhammad       | Malaysian        | 654         | Japanese Challenge Reading Competition   | 2022-11-16       | GrabPay Voucher RM100 |
| PT006          | Mohamad Sanjaya Bin Kamal      | Malaysian        | 999         | German Challenge Reading Competition     | 2022-11-17       | Lazada Voucher RM100 |
| PT007          | Nurul Farah Binti Abdulah Syabir | Malaysian      | 425         | Chinese Challenge Reading Competition    | 2022-11-18       | Shopee Voucher RM120 |
| PT008          | Yogeshwaran A/L Kumar          | Malaysian        | 534         | Arabic Challenge Reading Competition     | 2022-12-20       | Tng Voucher RM120   |
| PT010          | Leanne Lee Yan Ting            | Malaysian        | 657         | English Challenge Reading Competition    | 2022-12-22       | Book Voucher RM200  |
| PT011          | Syafina binti Fadillah         | Malaysian        | 895         | Hokkien Challenge Reading Competition    | 2022-12-12       | Lazada Voucher RM120 |
| PT209          | Chen Dong Pin                  | Foreigner        | 756         | Cantonese Challenge Reading Competition  | 2022-12-21       | Shopee Voucher RM200 |
| PT212          | Carla W. Jamerson              | Foreigner        | 666         | Bahasa Melayu Challenge Reading Competition | 2022-10-20    | Tng Voucher RM120   |
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12 rows in set (0.01 sec)
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