SINGLE TABLE

1. **select Book\_code,title from BOOK**
2. **select \* from PUBLISHER**
3. **select PUBLISHER\_NAME ,city from PUBLISHER where city ='boston' order by PUBLISHER\_NAME**
4. **select PUBLISHER\_NAME,city from PUBLISHER where city !='boston' order by PUBLISHER\_NAME**
5. **select BRANCH\_NAME,NUM\_EMPLOYEES from BRANCH where NUM\_EMPLOYEES>=9**
6. **select Book\_CODE,Title from BOOK where Type = 'SFI'**
7. **select BOOK\_CODE,TITLE, PAPERBACK from BOOK where type='SFI'**
8. **select Book\_code,title from BOOK where TYPE='SFI' or PUBLISHER\_CODE ='SC'**
9. **select book\_code,Title,price from book where PRICE >=20 or PRICE=30**
10. **select book\_code,Title,price from book where TYPE = 'MYS' and Price<=20**
11. **select BOOK.BOOK\_CODE,BOOK.TITLE,Book.PRICE+(Book.PRICE\*.1) AS Discounted\_Price from book**
12. **select \* from PUBLISHER where PUBLISHER\_NAME like '\_and%';**
13. **select Book\_code,Title from BOOK where TYPE ='SFI' or TYPE='MYS' or TYPE='ART'**
14. **select Book\_code,Title from BOOK where TYPE ='SFI' or TYPE='MYS' or TYPE='ART' order by Title**
15. **select Book\_code,Title,PRICE from BOOK where TYPE ='SFI' or TYPE='MYS' or TYPE='ART' order by PRICE desc,TITLE asc;**
16. **select BOOK.TYPE from BOOK**
17. **select SUM(1) from BOOK where TYPE='SFI'**
18. **select BOOK.type ,AVG(Book.PRICE)as [mini] from BOOK group By TYPE**
19. **select BOOK.type ,AVG(Book.PRICE)as [mini] from BOOK where PAPERBACK='y' group By TYPE**
20. **select BOOK.type ,AVG(Book.PRICE)as [mini] from BOOK where PAPERBACK='y' group By TYPE having AVG(BOOK.Price)>10**
21. **select max(price) from BOOK**
22. **select min(price) [MINI] from BOOK**
23. **select sum(10) as [Num\_EMP] from BRANCH**

**MULTIPLE TABLES**

1. **select Book\_code,Title,BOOK.PUBLISHER\_CODE,PUBLISHER\_NAME from BOOK full join PUBLISHER on PUBLISHER.PUBLISHER\_NAME=PUBLISHER.PUBLISHER\_NAME**
2. **select Book\_code,Title,BOOK.PUBLISHER\_CODE,PUBLISHER\_NAME from BOOK full join PUBLISHER on PUBLISHER.PUBLISHER\_NAME=PUBLISHER.PUBLISHER\_NAME where PUBLISHER\_NAME='PLUME'**
3. **select Book\_code,Title,PRICE,PUBLISHER\_NAME from BOOK inner join PUBLISHER on PUBLISHER.PUBLISHER\_NAME=PUBLISHER.PUBLISHER\_NAME where PUBLISHER\_NAME='PLUME' AND PRICE>=14**
4. **select BOOK.Book\_code,Book.TITLE,INVENTORY.ON\_HAND from BOOK inner join INVENTORY on BOOK.BOOK\_CODE=INVENTORY.BOOK\_CODE where BRANCH\_NUM=4**
5. **select BooK.TITLE from Book inner join PUBLISHER on Book.PUBLISHER\_CODE=PUBLISHER.PUBLISHER\_CODE where TYPE='PSY' and PUBLISHER\_NAME='JOVE PUBLICATIONS'**
6. **select Book.TITLE from BOOK where BOOK\_CODE in (select BOOK\_CODE from Wrote where AUTHOR\_NUM =18)**
7. **select Book.TITLE from BOOK where EXISTS (select BOOK\_CODE from Wrote where BOOK.BOOK\_CODE = WROTE.BOOK\_CODE and AUTHOR\_NUM=18 )**
8. **select Book.BOOK\_CODE,BOOK.TITLE from Book join WROTE on BOOK.BOOK\_CODE=WROTE.BOOK\_CODE join INVENTORY on WROTE.BOOK\_CODE =INVENTORY.BOOK\_CODE where Inventory.BRANCH\_NUM=2 and WROTE.AUTHOR\_NUM=20**
9. **select Book.BOOK\_CODE,PRICE from BOOk where book.PRICE=PRICE order by BOOK.PRICE, BOOK.Book\_CODE**
10. **select Book.TITLE,AUTHOR.AUTHOR\_FIRST,INVENTORY.ON\_HAND from Book full join WROTE on Book.BOOK\_CODE =Wrote.BOOK\_CODE full join AUTHOR on Wrote.AUTHOR\_NUM=Author.AUTHOR\_NUM full join INVENTORY on Wrote.BOOK\_CODE=Inventory.BOOK\_CODE where BRANCH\_NUM=4**
11. **select Book.TITLE,AUTHOR.AUTHOR\_FIRST,INVENTORY.ON\_HAND from Book full join WROTE on Book.BOOK\_CODE =Wrote.BOOK\_CODE full join AUTHOR on Wrote.AUTHOR\_NUM=Author.AUTHOR\_NUM full join INVENTORY on Wrote.BOOK\_CODE=Inventory.BOOK\_CODE where BRANCH\_NUM=4 and PAPERBACK='y'**
12. **SELECT BOOK.BOOK\_CODE, BOOK.TITLE FROM BOOK WHERE BOOK.PRICE > 10 UNION SELECT BOOK.BOOK\_CODE, BOOK.TITLE FROM BOOK INNER JOIN PUBLISHER ON BOOK.PUBLISHER\_CODE = PUBLISHER.PUBLISHER\_CODE WHERE PUBLISHER.CITY = 'BOSTON'**
13. **select Book.BOOK\_CODE,Book.TITLE,publisher.CITY from BOOK Join PUBLISHER on Book.PUBLISHER\_CODE=PUBLISHER.PUBLISHER\_CODE where BOOK.PRICE>=10 and CITY!='BOSTON'**
14. **select BOOK.BOOK\_CODE,BOOK.TITLE,ON\_HAND from BOOK Left join INVENTORY on BOOK.BOOK\_CODE=INVENTORY.BOOK\_CODE where INVENTORY.BRANCH\_NUM=2 or BOOK.PRICE>0 order by BOOK.BOOK\_CODE**