--Q1) MemberID, MemberName of members who have borrowed the book Cacatua tenuirostris

Select Member.M\_Id,Member.M\_Name

from Borrow, Member, BooksInLib, Book

Where Book.B\_Title = 'Cacatua tenuirostris' and

Member.M\_Id=Borrow.M\_Id and

BooksInLib.BookId=Borrow.BookId and

BooksInLib.ISBN=Book.ISBN

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--Q2) What newspapers are available for '2019-08-09'

Select Newspaper.Name, NewspapersInLib.Date

From Newspaper, NewspapersInLib

Where NewspapersInLib.Date='2019-08-09' and NewspapersInLib.Name=Newspaper.Name

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--Q3) Publisher ID and Publisher Name of Geo News Newspaper

Select Newspaper.Name, Publisher.P\_Name

From Newspaper, Publisher

Where Newspaper.Name = 'Geo News' and Publisher.P\_id =Newspaper.Publisher

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--Q4) How many books were borrowed on 6/21/2017

Select Record.BorrowDate,Count(Record.BorrowDate) As 'Total Book Borrow'

From Record

Where Record.BorrowDate='6/21/2017'

Group by Record.BorrowDate

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--Q5) How many books were borrowed on each day

Select Record.BorrowDate,Count(Record.BorrowDate) As 'Total Book Borrow'

From Record

Group by Record.BorrowDate

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--Q6) Book Name, ISBN, borrow date and due date of borrowed by Phyllida Fawdrie

Select Member.M\_Id,Member.M\_Name,Book.B\_Title,Book.ISBN,Record.BorrowDate,Borrow.dueDate

from Borrow, Member,BooksInLib,Book,Record

Where Member.M\_Name = 'Phyllida Fawdrie' and

Member.M\_Id=Borrow.M\_Id and

BooksInLib.BookId = Borrow.BookId and

BooksInLib.ISBN = Book.ISBN and

Record.BookId=Borrow.BookId

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--Q7) Author name and Author ID of book Sagittarius serpentarius

Select Book.B\_Title,Author.A\_Name

From Book, Author

Where Book.B\_Title = 'Sagittarius serpentarius' and Author.A\_id=Book.A\_Id

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--Q8) ISBN Book Title of books written by Kathy Mohammad

Select Book.B\_Title,Author.A\_Name

From Book, Author

Where Author.A\_Name = 'Kathy Mohammad' and Author.A\_id=Book.A\_Id

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--Q9) The total number of books borrowed by each member

Select Member.M\_Id,Member.M\_Name,Count(Borrow.BookId) As 'Total Books Borrow'

from Member, Borrow

where Member.M\_Id=Borrow.M\_Id

Group by Member.M\_Name,Member.M\_Id

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--Q10) Total numbers of books borrowed by Wallache Glowach

Select Member.M\_Id,Member.M\_Name,Count(Borrow.BookId) As 'Total Books Borrow'

from Member, Borrow

where Member.M\_Id=Borrow.M\_Id and Member.M\_Name='Wallache Glowach'

Group by Member.M\_Name,Member.M\_Id

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--Q11) Number of newspapers published by each Publisher

Select Publisher.P\_Name,Count(Newspaper.Publisher) AS 'Total NewsPaper Publish'

From Newspaper, Publisher

Where Publisher.P\_id=Newspaper.Publisher

Group by Publisher.P\_Name

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--Q12) Newspapers published by Bloomsbury

Select Publisher.P\_Name, Newspaper.Name

From Newspaper,Publisher

Where Publisher.P\_Name = 'Bloomsbury' and Publisher.P\_id =Newspaper.Publisher

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--Q13) Number of books borrowed through each librarian

select Borrow.Librarian ,count(Borrow.BookId) as 'Books'

from borrow

group by Borrow.Librarian

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--Q14) Book Id's which were borrowed through librarian Fazila khala

select Librarian.Name, Borrow.BookId, Book.B\_Title

from Librarian, BooksInLib, Borrow, Book

where Librarian.L\_Id=Borrow.Librarian and

Book.ISBN=BooksInLib.ISBN and

BooksInLib.BookId=Borrow.BookId and

Borrow.Librarian= (select Librarian.L\_Id

from Librarian

where Librarian.Name='Fazila Khala')

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--Q15) All the magazines in Section C of library and published by Gill Brothers

select Magazine.MagName

from Magazine, Publisher

where Magazine.Section='C' and Magazine.Publisher=Publisher.P\_id and Publisher.P\_Name='Hachette Livre'

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--Q16) Authors who have written books in French Language

select Author.A\_id, Author.A\_Name,Book.B\_Title

from Author, BooksInLib, Book

where Book.ISBN=BooksInLib.ISBN and Author.A\_id=Book.A\_Id and BooksInLib.Language='French'