

SANDWICHES

Question 1 Places where jonas can eat(nested subquery)

```
SELECT Location FROM Sandwiches WHERE Filling IN (SELECT Filling FROM Tastes  
WHERE Name = 'Jones');
```

Location

O'Neill's

Buttery

Question 2 Places where jonas can eat(without nested subquery)

```
SELECT Location FROM Sandwiches, Tastes WHERE Tastes.Filling = Sandwiches.Filling AND  
Tastes.Name = 'Jones';
```

Location

O'Neill's

Buttery

Question 3 Each location number of people can eat there

```
SELECT Location, COUNT(DISTINCT Tastes.Name) AS No_of_Persons FROM Tastes,  
Sandwiches  
WHERE Tastes.Filling = Sandwiches.Filling  
GROUP BY Sandwiches.Location;
```

Location,No_of_Persons

Buttery,3

Lincoln,2

O'Neill's,3

"Old Nag",2

Multibranch_library

Question1) name of all library books published by Macmillan

```
SELECT Title, Author FROM Titles WHERE Publisher = 'Macmillan';
```

Title,Author

Susannah,"Ann Brown"

"The Wife","Ann Brown"

Question 2) Branch that holds any book by Ann Brown(using a nested subquery)

```
SELECT Branch FROM Holdings WHERE Title IN (SELECT Title FROM Titles WHERE Author = 'Ann Brown');
```

Branch

B1

B3

B2

B3

Question 3) Branch that holds any book by Ann Brown(without using a nested subquery)

```
SELECT Branch FROM Holdings, Titles WHERE Holdings.Title = Titles.Title AND Author = 'Ann Brown';
```

Branch

B1

B3

B2

B3

Question 4) total number of books held at each branch

```
SELECT Branch, SUM(copies) AS 'No_of_Books' FROM Holdings GROUP BY Branch;
```

Branch,No_of_Books

B1,6

B2,9

B3,9