1. **SELECT employee.firstname, employee.lastname from employee where employee.emp_id IN (SELECT workswith.emp_id from workswith where workswith.totalSales > 10000)**

   Database organisation

   Table structure for table employee

Column	Type	Null	Default
emp_id	int(20)	Yes	NULL
firstname	varchar(20)	Yes	NULL
lastname	varchar(20)	Yes	NULL
bdate	date	Yes	NULL
salary	int(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

   Dumping data for table employee

   Sam Newton
   Elvin Gomes
   Jack Sparrow

2. **SELECT client.clientName FROM client WHERE branchid=(SELECT branch.branch_id FROM branch WHERE BRANCH.mgr_id=103)**

   Database organisation
   Table structure for table client

Column	Type	Null	Default
client_id	varchar(20)	Yes	NULL
clientName	varchar(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

   Dumping data for table client
   Microsoft

3. **select firstname,lastname,salary from employee where salary=(SELECT max(salary) from employee WHERE branchid='B2');**

   Database organisation

   Table structure for table employee

Column	Type	Null	Default
emp_id	int(20)	Yes	NULL
firstname	varchar(20)	Yes	NULL
lastname	varchar(20)	Yes	NULL
bdate	date	Yes	NULL

salary   int(20)   Yes NULL
branchid varchar(20) Yes NULL

Dumping data for table employee

Jack Sparrow 75000

4.   **SELECT   employee.firstname,employee.lastname   from   employee   where employee.branchid=(SELECT   client.branchid   from   client   WHERE client.clientName='Google')**

Database organisation

Table structure for table employee

Column	Type	Null	Default
emp_id	int(20)	Yes	NULL
firstname	varchar(20)	Yes	NULL
lastname	varchar(20)	Yes	NULL
bdate	date	Yes	NULL
salary	int(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

Dumping data for table employee

Elvin Gomes
Jack Sparrow

5.   **SELECT   employee.firstname,   employee.lastname   from   employee   where emp_id= (SELECT workswith.emp_id FROM workswith ORDER BY workswith.totalSales DESC LIMIT 1);**

Database organisation

Table structure for table employee

Column	Type	Null	Default
emp_id	int(20)	Yes	NULL
firstname	varchar(20)	Yes	NULL
lastname	varchar(20)	Yes	NULL
bdate	date	Yes	NULL
salary	int(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

Dumping data for table employee

Elvin Gomes

6. **SELECT employee.firstname, employee.lastname, (SELECT totalsales FROM workswith WHERE workswith.emp_id = employee.emp_id) AS Total_Sales FROM employee WHERE employee.emp_id IN (SELECT workswith.emp_id FROM workswith)**

Database organisation

Table structure for table employee

Column	Type	Null	Default
emp_id	int(20)	Yes	NULL
firstname	varchar(20)	Yes	NULL
lastname	varchar(20)	Yes	NULL
bdate	date	Yes	NULL
salary	int(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

Dumping data for table employee

Sam	Newton	1000000
Elvin	Gomes	10000000
Jack	Sparrow	500000

7. **SELECT branchName from branch where branch_id IN (Select branchid from employee WHERE employee.emp_id =(SELECT emp_id from workswith order by totalSales DESC LIMIT 1));**

Database organisation

Table structure for table branch

Column	Type	Null	Default
branch_id	varchar(20)	Yes	NULL
branchName	varchar(20)	Yes	NULL
mgr_id	int(20)	Yes	NULL
startDate	date	Yes	NULL

Dumping data for table branch

Admin

8. **SELECT clientName from client where branchid=(SELECT branch_id from branch where branchName='Finance')**

Database organisation

Table structure for table client

Column	Type	Null	Default
client_id	varchar(20)	Yes	NULL
clientName	varchar(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

Dumping data for table client

Microsoft

9. **SELECT firstname , lastname from employee where emp_id IN (SELECT mgr_id from branch where mgr_id IN (SELECT emp_id from workswith WHERE totalSales>100000))**

Database organisation

Table structure for table employee

Column	Type	Null	Default
emp_id	int(20)	Yes	NULL
firstname	varchar(20)	Yes	NULL
lastname	varchar(20)	Yes	NULL
bdate	date	Yes	NULL
salary	int(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

Dumping data for table employee

Sam Newton
Jack Sparrow

10. **SELECT firstname,bdate from employee where emp_id IN (SELECT emp_id from workswith where client_id=(SELECT client_id from client where clientName='Microsoft'))**

Database organisation

Table structure for table employee

Column	Type	Null	Default
emp_id	int(20)	Yes	NULL
firstname	varchar(20)	Yes	NULL
lastname	varchar(20)	Yes	NULL
bdate	date	Yes	NULL
salary	int(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

Dumping data for table employee

Sam 1960-07-02
Jack 1980-09-04

11. **SELECT firstname,lastname from employee where NOT EXISTS (SELECT emp_id FROM workswith WHERE employee.emp_id = workswith.emp_id)**

Database organisation

Table structure for table employee

Column	Type	Null	Default
emp_id	int(20)	Yes	NULL
firstname	varchar(20)	Yes	NULL
lastname	varchar(20)	Yes	NULL
bdate	date	Yes	NULL
salary	int(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

Dumping data for table employee

Hussain Sabri

12. **SELECT clientName from client where EXISTS (select client_id from workswith HAVING count(client_id)>=2);**

Database organisation

Table structure for table c

Column	Type	Null	Default
client_id	varchar(20)	Yes	NULL
clientName	varchar(20)	Yes	NULL
branchid	varchar(20)	Yes	NULL

Dumping data for table c

Microsoft