**SQL JOIN QueriesV1**

-- 1 a

select customers.first\_name, customers.last\_name, customers.pack\_id, packages.speed from customers

JOIN packages

ON customers.pack\_id = packages.pack\_id;

-- 1 b

select customers.first\_name, customers.last\_name, customers.pack\_id, packages.speed from customers

JOIN packages

ON customers.pack\_id = packages.pack\_id WHERE customers.pack\_id IN(22,27) ORDER BY customers.last\_name;

--2 a

select packages.pack\_id,speed,monthly\_payment,sectors.sector\_name from packages

INNER JOIN sectors

ON packages.sector\_id = sectors.sector\_id;

--2 b

Select customers.first\_name || ' ' || customers.last\_name as customer\_name, packages.pack\_id, packages.speed, packages.monthly\_payment, sectors.sector\_name from customers

INNER JOIN packages

ON customers.pack\_id = packages.pack\_id

INNER JOIN sectors

ON packages.sector\_id = sectors.sector\_id;

--2 c

Select customers.first\_name || ' ' || customers.last\_name as customer\_name, packages.pack\_id, packages.speed, packages.monthly\_payment, sectors.sector\_name from customers

INNER JOIN packages

ON customers.pack\_id = packages.pack\_id

INNER JOIN sectors

ON packages.sector\_id = sectors.sector\_id Where sectors.sector\_name = 'Business';

--3

Select customers.first\_name,customers.last\_name,customers.join\_date, packages.pack\_id, packages.speed, sectors.sector\_name from customers

INNER JOIN packages

ON customers.pack\_id = packages.pack\_id

INNER JOIN sectors

ON packages.sector\_id = sectors.sector\_id Where sectors.sector\_name = 'Private' AND EXTRACT(YEAR FROM customers.join\_date) = '2006';

--4

select packages.pack\_id, packages.speed, packages.monthly\_payment, pack\_grades.grade\_name from packages

JOIN pack\_grades

ON packages.monthly\_payment BETWEEN pack\_grades.min\_price AND pack\_grades.max\_price;

--5 a

select customers.first\_name, customers.last\_name, packages.speed, packages.monthly\_payment from customers

INNER JOIN packages

ON customers.pack\_id = packages.pack\_id;

--5 b

select customers.first\_name, customers.last\_name, packages.speed, packages.monthly\_payment from customers

LEFT OUTER JOIN packages

ON customers.pack\_id = packages.pack\_id;

-- 5 c

select customers.first\_name, customers.last\_name, packages.speed, packages.monthly\_payment from customers

RIGHT OUTER JOIN packages

ON customers.pack\_id = packages.pack\_id;

--5 d

select customers.first\_name, customers.last\_name, packages.speed, packages.monthly\_payment from customers

FULL OUTER JOIN packages

ON customers.pack\_id = packages.pack\_id;

-- 6

select DISTINCT e1.last\_name, e1.first\_name, e2.pack\_id from customers e1

INNER JOIN customers e2

ON e1.pack\_id = e2.pack\_id WHERE e1.first\_name || ' ' || e1.last\_name = 'Amado Taylor';

--7

select a.last\_name, a.first\_name, a.monthly\_discount from customers a

INNER JOIN customers b

ON a.pack\_id = b.pack\_id AND a.monthly\_discount < b.monthly\_discount AND b.customer\_id = 103;

--8

select e1.pack\_id,e2.speed

from packages e1

inner join packages e2 on

e1.pack\_id=e2.pack\_id AND e2.pack\_id = 10;