JOIN ASSIGNMENT ANSWERS

-- 1

-- A

SELECT cust.last\_name , cust.first\_name , cust.pack\_id , pack.speed

FROM customers cust JOIN packages pack

ON      cust.pack\_id = pack.pack\_id

-- B

SELECT cust.last\_name , cust.first\_name , cust.pack\_id , pack.speed

FROM customers cust JOIN packages pack

ON      cust.pack\_id = pack.pack\_id

WHERE cust.pack\_id IN (27, 22)

ORDER BY cust.last\_name

-- 2

-- A

SELECT pack.pack\_id , pack.speed, pack.monthly\_payment, sect.sector\_name

FROM packages pack JOIN sectors sect

ON      pack.sector\_id = sect.sector\_id

-- B

SELECT cust.last\_name , cust.first\_name , pack.pack\_id , pack.speed, pack.monthly\_payment, sect.sector\_name

FROM packages pack JOIN sectors sect

ON      pack.sector\_id = sect.sector\_id

          JOIN customers cust

ON     cust.pack\_id = pack.pack\_id

-- C

SELECT cust.last\_name , cust.first\_name , pack.pack\_id , pack.speed, pack.monthly\_payment, sect.sector\_name

FROM packages pack JOIN sectors sect

ON      pack.sector\_id = sect.sector\_id

           JOIN customers cust

ON     cust.pack\_id = pack.pack\_id

WHERE sect.sector\_name = 'Business'

-- 3

SELECT cust.last\_name , cust.first\_name , cust.join\_date, pack.pack\_id , pack.speed ,sect.sector\_name

FROM packages pack JOIN sectors sect

ON      pack.sector\_id = sect.sector\_id

    JOIN customers cust

ON     cust.pack\_id = pack.pack\_id

WHERE sect.sector\_name = 'Private' AND year(cust.join\_date) = 2006

-- 4

SELECT pack.pack\_id ,  pack.speed, pack.monthly\_payment , grd.grade\_name

FROM packages pack JOIN pack\_grades grd

ON      pack.monthly\_payment BETWEEN grd.min\_price AND grd.max\_price

-- 5

-- A

SELECT cust.last\_name , cust.first\_name ,  pack.speed , pack.monthly\_payment

FROM customers cust JOIN packages pack

ON      cust.pack\_id = pack.pack\_id

-- B

SELECT cust.last\_name , cust.first\_name ,  pack.speed , pack.monthly\_payment

FROM customers cust LEFT OUTER JOIN packages pack

ON      cust.pack\_id = pack.pack\_id

-- C

SELECT cust.last\_name , cust.first\_name ,  pack.speed , pack.monthly\_payment

FROM customers cust RIGHT OUTER JOIN packages pack

ON      cust.pack\_id = pack.pack\_id

-- D

SELECT cust.last\_name , cust.first\_name ,  pack.speed , pack.monthly\_payment

FROM customers cust FULL OUTER JOIN packages pack

ON      cust.pack\_id = pack.pack\_id

-- 6

SELECT cust1.last\_name , cust1.first\_name , cust1.pack\_id

FROM customers cust1 JOIN customers cust2

ON cust2.last\_name = 'Taylor' AND cust2.first\_name = 'Amado'

AND      cust2.pack\_id = cust1.pack\_id

-- 7

SELECT cust1.last\_name , cust1.first\_name , cust1.pack\_id , cust1.monthly\_discount

FROM customers cust1 JOIN customers cust2

ON cust2.Customer\_Id = 103

AND cust1.monthly\_discount < cust2.monthly\_discount

-- 8

SELECT pack1.pack\_id , pack2.speed

FROM    packages pack1 JOIN packages pack2

ON         pack2.pack\_id = 10

AND       pack1.speed = pack2.speed