904140V Colletin سؤال ١) (the hos: M [6 (food Hem)] (le +ype = " + w" " y select item from foodstens 1 calories >= 20 where type = " ris" or type = " = and calories >= 20 ; [6 (foodHem & stock) item/ select Hem, Price type= "zil" from food Item 1 shop= "plip" Natural join Stock where type= " piw" and shop= " gion"; relipe type= "=""" : فيرالمان select veipe from Ingredient 7.) => Notural join food Hern where type = " ing (/helipe [6 (P(Ingredient) x Pp (Ingredient))] V. food Hem = " ; hi")) select revelipe From Ingredient as r, Ingradient as P vp. foodHem="1] p. foodHem="1] where v. foodtom = 4;134 and P-food Item = "I'min" foodlam price :جررابيم اي so) select avg (Price) from stock group by food Item foodthem ounces : جيراليماي 9) select Count (ounces) ___> from Ingredient group by food Hem

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(2 d/s (i) ins grandom = 17 (6 (Team & Cooch)) Team + team 10 , Team - city les pion = 17 (6 (Tram)) Teams team 110, Team. city _ M (6 (Team & Coach)) 17 (6(Team)) my no salow = potion - apti Team. teaml), مری مان Team . teamID , Team . City Team . city away From Which P (Team M Game) X P (Team M Game)

Team, trans 10 = away Team

Team, rame = "jets"

N year >= 1984 P. awayscore (Y. home score 1 year >= 1984 1 home Team + away Team A away Team + home Team P(6 (Team & Game)) X Pt (Team & Game)) X Pt (Team . team D = away Team)

A Team. name = "Jets"

A year >= 1984

A year >= 1984 5- home Score + away score 1 home Team + away Team away Team + home Team =) 818-15 = AUB Count (6 (Game))
Game 10 away Score > home Score

) A = Max (count 6 (Team & Game))

(away Fore) Team . team 10 = Game. away Team

* Team . name = "Bills" " away Team + home Team away Team رورهاسد B = Max [Caset (6 (Team & Game))

NELS [year] (home Store) 1 Team . rame = "Bills" home Tarne 1 home Team + away Team الدان با ي. Scanned with CamScann (الف

(a)->

A = Supplier as 17 (Orders as Orderline) -> Similaring in Supplier as 17 (Orders as Orderline) -> Similaring in Supplier as 17 (11), world in Supplier as 17

B = A : M (orderline) , A :1 CodeP = surition

manes

(b) ->

A = P, (M(P)) × M(P) → Pice L Products who into no construction of amount amount amount = supplies to the chief.

B= 17 (6 (A))
Pramount (Pramount + interpolation is the representation of the Pramount

C= M (P) - B - . - mind limit of limit of many part

نقط نام معمولاتها علا آن معا از نعم سیراست. (PMC) معمارات معادر ان معادر ان معادر ان معادر ان معادر ان معادر

nameP

Products - name P,

Products - Price

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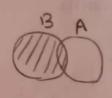
(4 U/5 am (الف 6 [P(student) No (P (B, (TAS M student))))]

TAS. TA-name = Student-student-name Percurentration = r. Concentration 6 (enrolled) student -name -) Leinenstein : Brown University 12 است نام دره اند 6 (stydent) stydent-name ن المانتجويان : 6 (student) _ 6 (envolved) 13 rown University" (linearly interpries = student-name student_name شِهُ نَامُ نُدِهُ الله

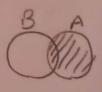
(in) Right outer join: inner joins =) Yearble AVB | anby (=R) => select * Ra Relation , REAXB from A join B on R anb => lableR EDIONUII JUSTIN and

NULL No if there is no a EA with and

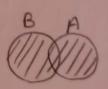
=) Right Outer Join: flable AxBlanby



-) Left Outer Join: Ylaible AxBlanb}



2) Full Outer Join: Ylable AxBl anbi



=) AUB