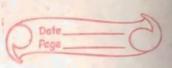


Select the name and address of restarant when working shift is "day". Select R. R. Nome, R. R. address from Resturent R Join Works At W ON R. R. ID = W. R. ID where w. wshigt = day; b) select the name of all cook having specialization Italiani, Italia Select C. C-Nome from Cook C where C. C-specialization = Italian; The state of the s c) counts the number of cook whose working hours ore 'night' Select COUNT (C-ID) AS NUM-COOKS from Cook C Join works At ON C.C-10 = CU.C-ID where wworking his='night's d) find the average salony of the cooks Solect AvG (C. Salony) As Avg-Salony from Cook C; e) find names of restement and their branches while generate revenue more whom is one solect R- R- Name, B. B. ID From Resturent R Join Bromch B on R. R. ID = BOR-JD Where B. Revenue > 15000;

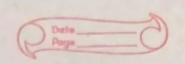
	Dafe
	Outers
	ONO:2
	Write Relation algebra
0)	To sind all rows where age is less than 20
PI S	To gird all rows where age is less than 20 Tage 220 (student)
19.0	FOR THE WORLD THE TOWN THE TANK THE TOWN
	A CONTRACTOR OF THE PROPERTY O
-	
0)	To list all the student
3114	JT IP, S-Name, Address, Grender, Age (Student)
	the last above with the State of the last
0)	To list me Name and Gender of student
Bhar	JE s-Nome, Grender (Student)
1	The state of the s
- 6)	to list vome and Address of student whose
	gender is 'm' and age is greater than 80  ITs_Name, Address ( Grendon: "m" NAge > 30 (Student)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	and the anima marine and had a
	School Branchaman Constant to the state
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	11 to 2015-01 man 9
	OLAS BEAR BOOK BOY BEALTH
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104	
	Durke Program 3
	QNO: 3
0	I find the name and price of product whose name
	storts with 'k' and emd with (T).
1	Select P. name, product-price
	from Product
	where P-name kke 'ky.T';
5	) find the name of costomer whose purchased for.
	Select C.C. Name from Costomer C
Jan 1	soin Parachase Pon C. c-id = P. c-id
1	Join Product Pr on P. pr-id = Pr. pr-id
	where Pr. P.nome = 'Pen'.
	The contract of the state of th
•	insent the record of new costomer
	insert into Costomer (c-id , C-Nome, address gender, age
	phone remail recreated -dayor
	Dave (1001, Homi, Banepon, m, 25, 9813626742,
	'horrishresha @gmail.com', CURDATE (1):
(6	Delete the product 'Pen'
	Delete from Product
	where 1-name = Pening
Ethia bit	The state of the s
0)	Increase the price of all product by 25!
	UPDATE Aroduct
	SET product - price = product - price * 1.25;
	(and) resolved put benefits



	Page
8)	DDL statement from for creating above relation
2 151	GREATE TABLE COSTOMORC
	C-id INT PRIMERY key,  C-Name Varichar (100);
	address varch or (50),
	gender varchor (so),
	age int;
N. Gogs	Phone varchor (20),
	email vorchon (89);
	created - date DATE
100	);
	The Part of the Pa
	Create table Product (
	Prid Int PRIMORY key,
	product-price varchor (50, 90),
in to Labor	mag -date DATE
	empt-date DATE
	).
	District the major "Per
	Crecite table Perichase Company
	id not primary key, in
	Cid int
	I I project the project of the bit of
	quantity int, mubara statistics
	total price decimal (10,20), 1
	Entered by variation (100),
Barrie .	





foreign key (c-id) REPRENCE (ustomer (c-id) foreign key (pr-id) regerence Product (pr-id)

## QNO:4

What is join operation?

A join operation in SQL is used to combine rows from two or more table based on a relater column between them. There are several type of joins:

- De tables
- table and the matching rows from the left table light table light table light table from the right table from the right table light table from the right table.

Right owter soind: Return all rows from the right table and the matching rows from the less touble 12 there is no match invil is returned for column from the left table.

> lest outer joins and man

the left tuble (Employee) and the matching records from the right table (Branch) if there is no match NUII value are returned from the right table





SELECT e. Emp-name, e. frovince, e. city, b. Branch b. Salarry from Employee e 18H JOIN Branch b ON e. Emp-name = b. Emp-name;

Emp-name	Province	City	Bromch	Salorry	THUR!
Kam	( Bagmati	ktm	N+C	10000	
shyam	komnali	surkhet	Noell	20000	
Hani	madhesh	Jamakpur	Ntv	30000	D. N.
C°1.	Other Jak!	0.11		41111	

Right Outer Din

A right outer join will return all record from the right table (Bromch) and the matching record from the left table (Employee) & there is no record match; NUIL value one returned from the left table

Select e Emp-name, e : Aro vince, e : city, b . Branch b . Salong from Employee e Right soin Promch b on e . Emp-name > b . Emp-name;

-	the same of the sa	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	BUTTON OF THE PARTY OF THE PART	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME		
	Emp-namo	Province	City	Bromoh	Salony	
	Rom	Bagmati	ktm	N+C	10000	1
	Shyam	kornali	Scrikhet	Ncoll !	20000	
	Morris	Madhesh	Janakpar	WH WIDIST	30006	10
	NUL -	NULL	NULL	- Rendio Nepal		
ľ						