Aggregate tunctions - (no. of They are the fun that take a collection of values as input and return a single value various aggregate fun are aggregate functions count Coount Average Total (sum) (avg maximum (max) Minimum (min) Let us consider follo, table structures ISP! 'Part' Pro Sno Prame color QHY out Pno Supplier! STAHUS City sname Sno Count - We use aggregate function 'count' to count no of tuples in a relation Let us consider part table.

	Part								
	Pno	Prome	color	wt					
	1	Q	Red	-					
	2	Ь	Blue						
	3	c	Red	-	- X*				
	9	4	Blue	-	-0.91				
	5	e	Red	- ,	10 2				
9	SQL> s	select co	ount C*	.)	r' relation				
	010-	1	count (*)						
		5		9	fan i dêri				
			250 / / /						
2 - 1	List no. of colors given to the part								
2	501 >	soloct c	oun+Co	rolor)					
	salt select count (color)								
	olp. count (color)								
			5	N. ILL					
		1		_					
5	SQLY select count distinct (color)								
		from	· Part	1	((0)0+).				
	olp.		1+ (colo						
	1		2						
r . F	and n	0 of 0	armen e		V V V V				
		elect c	201101 0	upplied	1 by 31.				
13			and L	Lue)					

where sno = 151'; 4

from sp

	Fi								
3									
,0									
	The state of the s								
(3:	sold out average weight of the parts.								
	and the first that th								
_	olp - avg(wt)								
_	25-95								
_	eanamin's eanamin's								
27	salt select ang (wt). "Average Weight" to the								
	from Part ;								
	olp- Average Weight								
	25.95								
ę×-	Find the average weight of Red parts.								
	SOLY select avg (wt)								
	from Part								
	from Part								
	where color = 'Red'; &								
6	where color = 'Red'; d								
9	where color = 'Red'; d								
2	where color = 'Red'; d								
	where color = 'Red'; d Minimum (min) ~ It returns the smallest value for the given column from table.								
	where color = 'Red'; d Minimum (min) ~ It returns the smallest value for the given column from table.								
	where color= 'Red'; & Minimum (min) ~ It returns the smallest value for the given column from table. Find out minimum weight from Part								
	Minimum (min) ~ It returns the smallest value for the given column from table. Find out minimum weight from Part. Salt select min (wt)								
	where color= 'Red'; & Minimum (min) ~ It returns the smallest value for the given column from table. Find out minimum weight from Part								
Α.	where color = 'Red'; d Minimum (min) ~ It returns the smallest value for the given column from table. Find out minimum weight from Park Saly select min (wt) from Part; d								
ex.	Minimum (min) - It returns the smallest value for the given column from table. Find out minimum weight from Part SQL's select min (wt) from Part; L Maximum (Max) -								
ex.	Minimum (min) - It returns the smallest value for the given column from table. Find out minimum weight from Part SQLY select min (wt) from Part; L Maximum (Max) -								
ex.	where color= 'Red'; d Minimum (min) ~ It returns the smallest value for the given column from table. Find out minimum weight from Part. Saz' select min (wt) from Part; d								

_(5	Total (sumo the	sum	of numeric values in a							
	It returns the sum of numeric values in a										
	columns. consider the table 18p1.										
	(6020	es The	-1-001-								
	Pr	o Sno	Q+y								
		PI SI	10	profession and the							
		P2 S2	5	NE 2							
	P	s Sa	15	13:13 8 mg							
6.4	Find A	um of	ועממאוז	y of total no of part							
cars	Supplies			And Afficas II.							
SQL,	select	sum (q	Cpt	27-24							
	toom Sb: A										
	alp - sum (aty)										
	36										
	consider the follo. 'sp' table										
				57 m							
	Pn		Oty								
	P1	1 31	16								
	P2	-	1.2								
	P3	83	12								
ex.	0/-1										
QL>	rina ou	+ total	20.0								
	select sum (aty) no of parts supplied by										
	trom 26										
	where shorts!										
	olo- sum (Q+y)										
- 1	-	1 1 1 1 1		15							
		15	37	AND THE COURT OF THE PARTY OF T							