assignment 6 - DBMS Pege I 2K71/10/417 Date I) lente a query mat returns year, month, day, species ID and weight in mps Assumption for survey's table surveys (id, date, plot, species id, weight, ingm genus, (ocation) 1) 50/2 SELECT YEAR (date) as year, MONTH (date) as month, DAY (derte) as day, veight, as weight in-mg 9 SELECT DAY (date), MONTH (date), YEAR (date), species_id, weight / 1000 AS weight-in-leg FROM surveys WHERE plot = I AND weight in-tigm> 0-075. 3) SEIGT YEAR (date), species-id, weightingon 12000 AS weight in-leg 0 FROM surveys ORDER BY weight-in-gm DESC; Spiral

	Date
4) query to display 3 date Breids, species ID and	
weight inks (munded to 20	reamed places) for
vodents captived in 1999, order approbationally	
by species ZD.	
SELECT YEAR (done), MOT	NTH (date), DAY (date),
	(weight-in-gm/2000,2)
As weight-in-to-	
FROM surveys	
WHERE YEAR (dot)= 19	99 AND gonus= 'Rodent'
ORDER BY species id ASC;	
s) soln	
SEIECT	
sum (weight-in-gm) AS Total-weight,	
AVG (weight-ingm) AS AVg-weight	
MEN (weight-in-gm) AS Min-weight,	
MAX (veight-12-gm) AS mag-veight,	
FROM surveys,	

() Date nedefication: () SUM (weight-magm) AS at-50-100; <u>O'</u> AVG (weight-in-gm) AS argut_50-100; MIN (weight - m-gm) AS mix wt - 50-200/ MAX (veight-mosm) As manut-50-200 SEICCTA Prom surveys WHERE WEIGHT IN 900 BETWEEN SOANDIOU) As filtered data; 6/ 50/2 SELECT YEAR (date), COUNT(4) AS count FROM suncys HEROUP BY year; YEAR (date); 0 0 No. SEIEIT YEAR (date) Asyear species-id 12000 AVG (veight-ingm) as coverage wt-in-leg FROM surveys GROUP BY year species-id; SELECT YCAR(date) AS year, species-ide, 0 COUNT(*) AS individuals-count FROM surveys GROUP BY year, species-i'd

ORDER BY year DESC, individuals_count DESSpiral

Date 50/2 SFLECT genus, species-id, welsted-m-gm FROM surveys; 97 5017 SELECT plot, COUNT (DISTINCT genus) AS count-of-genus FROM surveys GROUPBY plot ORDER BY genus count DESC; 20) 20/7 SELECT 4EAR(date), DAY(doste), MONTH (date) species-id, wet ht/2000 as ut into FROM surveys WHERE plot = I AND weight_in-gm 775. It/ 50/7 SFIFCT & DAY (date) AS day, MONTH/dates AS MONTH, YFAR (date) As year, species_id FROM surveys WHERE MONTH (date) IN (2,5,7); L21 5017 SELECT YEAR (date) Asyear Species - 1'd, (OUNT(x) As num-captured FROM surveys GROUP BY year, species-i'd ORDER BY year DESC, num-captured DESEstiral