Excercise 2 squ Aggregale Functions & squ Operations

1. SEIECT DISTINCT department

TROM students

Experted Output:

Department

IT

HR

Finance

2. SEIECT

deportment, Aucr (age) As avg-age

FROM

stuelent

GROUP BY

departments

Expected Ocuput

department

Avg age

TI

20.5

HE

17.0

Finance

23.0

2		000	77	HR		
5+	udent 1d	-neme Bob	2-7	He		
			ciqe	deportmen		
NI	HEER	(department IN("IT", HR")) AND age > 215				
Per	H	studens				
5. 36	lect	student id, name, age, depoitment				
S		Eve	27	HR		
4		Dian 9	23	Finance		
3		charlie	21	IT		
2		Воь	22	HE		
stu	clent id	name	erge	depoitment		
WI	HEEE	age BETWEEN	zl ono 23;			
FRI	H	students				
4.50	SELECT student id, name, age, department					
141	7					
7	7	Student cou	VC.			
de	portment	Tel.				
HA	vinia Couny	(*)>1;				
	OUP BY	deportment				
FRO		Students				
		eleponement, coun				

Market of the same of the same

SETECT FROM GROUP BY			
Haying surice	reduts) > 5.		
dipoliment II		Seel or a	
SEIBCI		Lid godin	
CHERE			

-

9 Select MAx (grado) As mor-grade min (grade) As min_grade) Ava (grade) As ovg-grade FROM enrollments; Max grade Min - grade Avg - grade 78 84.6 (ourse_1d) 10 SEIECT count (x) As enrollment - count FROM enrollments GROUP BY course _ id, Course id Enrolment - court 102 103 104 105 11 SEIECT deportment SUM(salory) AS total - salory SUM (bonus) As total- bonus PROM palaries CIRCUP BY department, Total bonus Total salary department

122 000

109 000

IT

PINONCE

HR

10300

7500

12 SEIBET department, Ava(salory) As avg-solory

FROM salaries

CROUP BY department

HAVING Ava(salary) > 55000;

department avg-scalary

IT 61000

Finance To coo

13 SEIECT employee_Id; name, salay, bonus, (salay + bonus)

As tetal _ compensation

FROM Balcing

WHERE (salay + bonus) > 6000

Total - compensation bonus Emp_1d BOILDH nome 6.6 000 60 000 5000 Tom 6000 76 000 Spike 70 000 67 800 Tyke 62 000 8800

14. SEIECT department

SUM (budget) As total - budget

AVG (budget) As avg - budget

FROM project

GROUP By department

HAVING AVG (budget) 7 7000

deportment Idel-budget Avg-budget

IT 27000 135 000

Finance 80 000 80 000