S. No.	Date	Title	Page No.	Teacher's Sign / Remarks
0]		Accessing Database		
92		BASIC SOL		
75.3		PMERHEDINGE 861		
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0 5			1	
		ADVANCED SOL		
06		ACCESSIVELY THE DB USING	4	
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64		THEOUGH YOUTHON		
æ		DODBMS - OBJECT OPIENTS DOTABNISE MANNOCEMENT SYSTEM		

EXPERIMENT - 1

ACCESSING THE DATABASE

1. Course the following polation (Tables) with primary key untegrity constraint Craste Table instructor IDINT PRIMARY KEY, Name TEXT NOT NULL Dept- Name TEXT NOT NULL, SalaryINT INSERT INTO INSTRUCTOR NALUES 10101, 'Brinivasan', 'Comp. 3ci', '65000' TRISERT INTO INSTRUCTOR VALUES 12121, WU, Finance, 190000 9; INSERT INTO INSTRUCTOR VALUES 15151, "NOOZHRE", "MUSIC", "HOOOO" INSTERT INTO INSTRUCTOR VALUES 22202, Einstein, Physics, 95000

```
INDERT INTO TRISTRUCTOR NALUES
 32343, 'Flacid, 'History', '60000'
INSERT INTO INSTRUCTOR VALUES
( 33456, 'Gold! Physics, '87000'
THISPRT INTO INSTRUCTOR VALUES
DNSBRT Ratz: 'Comp. sei., '75000'
);
 THERT INTO INSTRUCTOR VALUES
( 58588. 'califieri', 'History', 62000'
 TRUSERT INTO INSTRUCTOR VALUES
(76548, 'singh', Financi, '80000'
 INSERT INTO INSTRUCTOR VALES
76766, 'crick', 'Bology', 12000'
Diococp De grad
 INSERT INTO INSTRUCTOR VALUES
  83821, 'Brandt', 'comp. su', 920000'
  INSERT INTO I METRICTOR VALUES
 6
  98345, 'kim', Flec. Eng', 80000
);
```

1.0	NAME	popt - NAME	Salary
10101	stinivasan	Comp. sci.	650000
12121	Wa	tinance	900000
15151	roozart	rousic	40000
22222	Einstein	physics	950000
32343	El said	History	60000
33456	Glod	physics	370000
45565	katz	comp. sci.	750000
58589	Califori	History	620000
76543	Singh	Finance	20000
76766	2000000 1 1 1		72000
83821	Branch	comp. su	92000
98345	kim !	Elec. Eng.	80000

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Good' 'prokin' 'binera' , and

```
Course-ID TEXT NOT NULL.
Sec_IDTEXT NOT NULL
somester TEXT NOT NULL,
YOUR TEXT NOT NULL
INSERT INTO TEACHES VALUES
10101, 'CS-101, '1", FALL, '2017'
 INSERT INTO TEACHES VALUES
 lolol, 'cs-315', '1', Spring', '2018'
12102
 INSERT INTO TEACHES VALUES
 12121, FINI-201, 11, spring, 2018
 1:02 100 108-018 delidi
  TAISERT INTO TEACHES VALUES
  lolol, 'cs-347, '1' Falt, 2017'
  INSERT INTO TEACHES VALUES
  15151, 'N1U-315', 1', Spring, '2018'
```

cs-101	THIS TO	Fall
cs-315	1 110	spring
es-347	aut sauce	Fall
FIN-201	1	spring
MU-315	II, FAIL	spring
PHY-101	1 21858	Fall
HIS-315	ind !!	spring
cs-101	i	spring
CS 319	1 STIFE	spring
B10-201	21:11	summer
B10-301	1	summer
cs-190	1 53 370	spring
13-190	211	spring
cs-319	2	spring
EE181	- Post	spring

```
THEFRET INTO TEACHES VALUES
(2000), 'PHY-101', '1', Fall', 2017'
TRISERT INTO TEACHES VALUES
(32343, 'HIS-315', 1, 'Spring', 2010'
INSERT INTO TEACHES VALUES
 45565, 'cs-101, 1, spring', 2013
 TRISTANTO MEACHES VALUES
 45565, 'cs-319', '1', 3Poing', '2018'
); 000 TB Diepoly
  INSERT INTO TEACHES VALUES
 16766 Bio-101'1' summer, 2017'
  THEERT INTO TEACHES VALUES
  88821, 'CS-190', '1', 'spring', 2017'
 1;
  INSERT INTO TENCHES VALUES
  82821, 'CS-319', 2', 'Spring', 2017'
 3;
  INSERT INTO TEACHES VALUES
```

			No.
10101	stinivasav	n comp. sci.	65000
10211	smith	Biology	66000
12121	we zacal	Farance	9 0000
15151 8	roozart	tousic	40000
22222	Einstein	Physics	95000
82343	El said	History	60000
33456	Gold	Physics	87000
45565	Katz	comp. sci	75000
58583	califioni.	History	62000
76548	Singh	Finance	80000
88821	coick	Biology	
	Broundt	1 0P - 1	72000
98345	kim 1	1-	80000
Trac	ipairqu'	S' PIE - 2	, , , , , ,
		111111111111111111111111111111111111111	

EBULAU ESIDASI" OFW TREENE

98945, 'EBE-181', '1', spring', '2017' 1; SELECT * from INSTRUCTOR; 3) and is good magnister 10/01 INSERT INTO IMBRUCTOR VALUES 10211, "Smith", Biology, 66000 Singlewie Physics goods coood protesty bire 12 8,6688 gests bold elect coopy incopes DODET PROPOSE doing derdr We good Honors 10208

stinivasan comp. sei. 10101 Finance wu 12121 roozast tousic ? 15151 Einstein Physics 22222 32343 El said Hisbory 45565 bold Physis 33456 Kath comp.sci. 58583 califier History 76543 Sing Finance 76766 crick Biology 88821 Brandt Comp. sui 98345 Kim Ele. Bing

DEJETÉ FROM INSTRUCTOR WHERE D= 10211; SELECT + FROM INSTRUCTOR.

10	Name	Dept_Name	salary
32343	# said	History	60000
58583	Califori	History	62000

5) SELECT & FROM INSTRUCTOR WHERE DOPL Name - "History Name ; Course - ID 101 725 " " NaZallinez NA PU UNITE 105-1413 SELECT "FROM TAISTRUCTOR CROSS JOIN TEACHES.

Course-10 Name Cs-101 Solinivasan Sourcessan CS-315 sounwasan CS-347 whe PIN-201 Mosart MU-315 570730 Finstein PHY-101 # said M13-315 Katz C3-101 Katz CS-319 brick B10 - LO1 buch B10-301 Brandt CS-190 Brandt CS-190 Brandt CS-319 kim 15-181

7) SELECT Name, COSSE_ ID FORM INSTRUCTOR INNER JOIN TEACHES ON INSTRUCTOR. ID = TEACHES. ID; I the state star salar City 12121 We Fromes 90000 2222 Elistean Physics 95000 pholis small byd small (1) anop esteption restants ecces 83821 Bandt Compaci 92000

10	Name	Dept-Name	salary
		Firance	9,0000
22222	Anstein	Physics	95000
83821	Brondt	comp. sci	92000

STOTEL MELE MARCH OF LARRY STORY

BOTH STEVE WE 2 STORES LITTE

SELECT * From INSTRUCTOR WHERE SHARY SETWEEN 90000 AND 10000; produce treets special sometimes of SELECT * FROM INSTRUCTOR WHERE Salary BATWIEN 90000 AND 100000; opping block graphen 8 1000 selet 1. 1 sign entaping delents escare

Name Dept-Name D 5151 roozhart rousic 284B El said History 8588 califori History olo 1 Borniasan comp. sú. 16766 corch Biology 45\$65 Katz Comp. sei. 76548 signh Flance 98345 kim De. Drag 33456 Gold Physics 12121 When Finance 83821 Brandt Comp. 3ci Finacin Physics

SYPERIORNIT-2

SELECT * FROM INSTRUCTOR order by salary

100			J
asc;	mela Josep		
	planet	diposect .	
	protein		
	protest!	Treffile	
	tignists of		
	se post	beech	19929
	52. god		
	Finance	Agrit.	
			Sheek
	maley .		James
deser!			
	Sealing 1		

10	Name	Dept_Name
15151	Mozart	rousic
32343	# said	History
58583	califion	History
lolol	Sounivasan	Biology
76766	brick	
4,5565		Comp. su
76543	Singh	Finance
9.8345	kim	Elec. Eng
33456	Gold	Physics
12121	Whe	Finance
83821	Brandt	Gomp. Sci.
22222	Einstein	Physics

SELECT COURSE I.D FROM TEMBUS WHERE (Sometime Fall' and year = '2017) or (somester - 'soring' and year = "2018") W -2000 101-351

Course_ ID

C3-101

CS-315

CS -347

FIN -201

100-315

PHY-101

H18-315

(5-101

cs-319

semester = 'spring' and ger = 2016')

BRIEF CONTROL CONTROL

Cake - roof bus print

Course-1D

cs-lo1

CS - 347

PH4-101

SELECT COURSE 1D_FORMTEACHES WHERE Somether = 'Fall' and years = '2017')

0

lolot sain money for sai before Medelle TATTINETTILLO - protest liter in exerce Donald Totals study strange upolois loter 15368

0	Name	Dept-Norme
10101	Svinivasan	Comp. sai
10211	smith.	Brology
10212	Tom	Biology
12121	Wie	Finance
15151	rozart	tousic
22222	Blastein	Physics
32343	Al said	History
45565	katz	Comp. si.
58583	alifica	History
76543	singh	Firance
83821	Cotch	Biology
76766	Brandt	Comp. sui
98345	bim	Elec. Enq

JUSTERT INTO INSTRUCTOR VALUES

L'10211', 'Smith', 'Biology', blood of

J;

JNSERT INTO INSTRUCTOR NATUES

L'10212', 'Tom', Biology', NULL

J;

SELECT * FROM INSTRUCTOR.

Aprological and a

10212 Tom Brology NULL

PRUTO (METERITOR VALUES

o and 'upolate' " stime ' !!

Aucrealary)
74153.8462

6) SELECT " FROM INSTRUCTOR WHERE Salary IS NULL SHECT AUG(CSalary) FROM INSTRUCTOR;

Total_Instructors_goding-2018

and asignable agraly demorated more

Number of Tuples

STERNOENT-3 SELECT COUNT (DISTINCT ID) AS TOTAL - Instructors. spring 2018 FROM TEACHES WHERE Semesters spring AND year= 2018; smale_dgs !! STEET COUNT (*) AS Number - of-truples FROM TEACHES;

Dept-Name Aug-salary comp. sci. 77333.3333 Biology 69000.0000 Finance 8 5000.0000 Music 40000,0000 Physics 91000,0000 61000.0000 History Ble. Eng 30000.0000

SELECT Dept_ Name, Aug (salary) AS Aug_solvy
FROM INSTRUCTOR GROOP By Agot_Name;

probaz-prA.	Dept-slame !
	302.908
0000.00010	Biology
0000.00013	Proteins
	pra-ste

Aug-salary Dept-Name 77333.333 comp. sci. Biology 69000.0000 Finance 85000.0000 Physics 91000.0000 History 61000.0000 He. Eng

ROP INSTRUCTOR GROOP BY Dopl - Name HAVING Mg - Salary > 4000;

Services of the services of th

Stiniusan
Smith
Tom
Wu
El Said
Gold
Katz
Califori
Singh
Guck
Brandt
Kim

5) SPITET HAME FROM INSTRUCTOR OR WHERE Jame NOTIN CHORART, Fination's; \$1300.

Wa Einstein Gold Kalz Singh Brandt Kim

Manne
Wu
Einstein
Gold
Katz
singh
Guid
Brandt
Kim

SELECT. ENAME FROM INSTRUCTOR E WHERE

E. Salary > ANY CELLET Salary FROM INSTRUCTOR

WHERE Dept. Name = 'Biology's;

SELECT E. Name FROM INSTRUCTOR = WHERE = Salary>
ALL (SELECT Salary FROM INSTRUCTOR WHERE

Dep_Name = Biology);

Aug-salony Dept-Name Grop sa. 77333-3333 150094 49000-0000 Frome 85000-0000 Mustes 9 1000 -0000 Wishery 61000-0000 #TT- Emg 80000-0000

8) SELECT Dept. Name AUG coolong) FROM INSTRUTOR hrest By sight - Norme HENNING AUG (salary) >4200; Dept-Name
Finance
Dhysics
Comp. sci.
tinance
Comp. sci.
Elec. Eng.

a structured of the state of the second by

man gradus pur pravious service - type 103 gra

EXPERIMENT -4 0 SELECT Dept- Name FROM WISTRUCTOR WHERE Salary > 74518.8462;

Name	Course_1D
sounivasan	cs-101
srinivaban	CS-315
Sounivasan	es-347
when	FN-201
150zart	150-315
Binstain	PHY-101
Bleaid	HIS-315
Kats	es-101
Kats	Cs-319
Cotck	B10-301
Brandt	cs-190
Brandt	rs-319
kim	EE-181

SELECT Name, Course - 1D FROM INSTRUCTOR

INNER JOIN TEACHES ON INSTRUCTOR. ID STEFFINES

ID;

coosed hopeig

Firent Moor

000pl sienes

Physics 18200

SELECT INSTURCTOR. NAME, TEACHER COURSE ID

ROMD INSTRUCTOR LEFT JOIN TEACHER ON INSTRUCTOR

1D = TEACHER, ID;

dep-name stotal-salary

comp. sci 332000

Biology 138000

Firane 17000

mosic 4000

Physics 182000

History (22200)

D. DERBELLD:

PROPO INSTRUCTOR;

GRAT SALECT ON PACULT TO NEW USER

EXPERIODENT-5 ADVANCED SOL

1) CREATE A VION of instructor without

CREATE VIEW FACULTY AS SELECT DI NAME I dept - Name FROM DUSTRUTOR WHERE SALARY IS NULL;

- 2) Create a view of department salary took,

 EREATE VIEW DEPARTMENT SALARY TOTALS

 BELLATE VIEW DEPARTMENT SALARY TOTALS

 SELECT * PROPS DEPARTMENT: SALARY TOTALS;
- 3) CRATE a Role of Student.

 CRATE ROLE STUDENT;
- 4) epine Beled Privilegers on the view yawty to the vole student.

GRANT SELETI ON FACULTY TO STUDENT;

5) Create a new user and assign her the role of Students

PRATE USER. New_ USER. IDANTIFIED BY! PASSWORD ") Login as this new user and find all Education in the Biology deparment SALBET NAMOS PROMO MASTRUCTOR WHERE lept _ Name = 'Biology'; 1) Revoke Privilegers of the new user ROVOKE STUDENT FROM NOW-USER; 8) Remove the vole of Student DROP ROLE STUDENT; 7) Give Select privilegers on the view faculty to the new user. GRANT SELECT ON FACULTY TO NEW-USER; 10) Login as this new usen and find all ishtrators in the firance Department SELECT & FROM INSTRUCTOR WHERE SEPT. NAME = 'FAVANCE' dogin ergain as root ason SELECT +2057, USER, Physin From Mysel.

12) Combe deadless = with game column as deadless but with additional constrint that the Barnster 90 one of Juli, winter. gxing on summer.

SELECT * FROM TEACHERS;

BICREATE INDEX TEACHERS - ID - UNDER ON TEACHERS
CIDI:

TEACHERS:

ACLESSING THE DATINEASE THROUGH PYTHONI

1) Insent following additional taple in

Cinstructor: (1021); 'smith', 'Biology', 6600)

MOY CURSOR = MARKET - CURSOR()

MOY CURSOR. EXCUTE ("9NISERTINTO (MISTRUCTOR CED),

MARKET dept_NAME, SALARY, NALUES (11, 1.2,

1.2, 1.2,) NAL = (1057, 'Sum', 'BIOLOGY', 46000)

FOR I IN TOPY CUMSOR

PRINT (i)

2) Delect this tuple from instructor. SOTUPTEM CHOST STELLED STELLED SASSAULTER WHERE (D=1057") 3) select byples from instructor where Depl_tom = 'History". HOYOUTSOR. EXCUTE ("SELECT " FROM MISTRUCTOR WHERE DEP. Klame = 'HiSTORY') 1) Find the cartesium product instructor x Techers MOJUNESOR. EXCUTE L'SELECT * PROPO INSTRUCTOR WHERE DATT- NAME = 'HISTORY'') 5) Find the name of all instructors who have taught some courses and the course is MYCUROR. EXCUTE ("SELECT WANDER COURSES. PO PROTO INSTRUCTOR MINER JOHN TEACHERS ON MISTRUCTOR W=TENOK · ID') 1) FIND THE Neme of all instructors whose name includes to Bub String SELECT * FROM INSTRUCTOR WHERE MANNE LIKE "Sam"; 7) Find the name of all eustructors with Edany between 90,000 and 10,000

HOPE JOHN TEACHER") LETWEN 90000 AND 10,0000

EXPERIMENT-7

ADVANCED TECHNIGHTES THROUGH PATHON.

DORDER THE TYPES IN THE INSTRUCTORS RELOTION AS

PETHERS. SALARY

TOYCUESOR - BECUTE ("SELLET" * PROTO TEACHERS OFDER BY

SALARY USE"

2) FIND GOORSES THAT four in 18all 2017 on in Souring

2018

MARE (SOMOBETER = "PALL" AND YEAR = '2014') OR

(SEMBERER = 'SPRING' AND YEAR = '2018')")

3) Find courses that own in fall 2017 and

In spring 2018

MERCHES WHERE (SENDESTER = "FALL AND YEAR = 2011)

AND (SENDESTER = "SPRING" AND YEAR = 208");

The find courses that ran in full 2017 but not in spring 2018

POPURSOR. EXCUTE ("SELECT COURSE-ID FORD TEACHERS WHERE CREMESTER - 'SPRING' AND YEAR = '2018') 5) Front Jollowing Calulational tuples in robutor TOYURSOR. BEDUTE L'ISELECT METEUR INSTRUCTOR WHERE SALARY 13 NULL") 6) Find all instructor whose salary in Null MYWESOR. EXECUTE CTHENT WIO INSTRUCTOR, VALUES CLOSIL, SMOTH, POIDLOGY, 66000) CLOSIS, 'Toro, 'Biology', NULL'). Find the accope of intruders, * n. Computer scora depotrment toposos towns uselect augustary) from INSTRUCTION WHERE dept-rame . Comptien science 3) Fird the total number of "notificate who tech a course 90, the spring 2018 sometimes to process ExCEPTE ("SELECT CONTICK") NAME - SECRETARY SOLDWING COM AND YEAR = 1208 1); 9 Fird the number of types thathe dealing relation

HYDURSOR, EXCUTE ("SELECT COUNT (*) FROMS
(MUSTRUCTOR").

o) find the awards salary of instructores in each deportment to yoursor except ("SELECT dept frame, any salary) from instructor Group by Dept name") that the names and awards salaries of all department whose awards salaries is greater than 1,2000.

MY CURSOR EXCUTE ("SELECT dept-name, angle CALARY" FROM MUSTRUCTOR GROUP BY DEPT-NAME
HAVING AUG (SAVARY) = 1,2000";))

12) Home all instructors whose trame is either travolt nor bristen;

HOYOURSOR BACUTE ("SELECT HAME FROM)

CHATRUCTOR WHERE NAME NOT IN ("MODIFIC", "EINSTER

CHATRUCTORS IN WHERE IN-SALARY DAMY CHECT

TROOD DETAILS WHERE dept-MANDE - 1 BIOLOGY)")

- HERE SALARY > ALL COSEET SALARY FROM TEACHERS

 WHERE DAP-NAME = 1810/094")
- FROM CHARRY), 42000")
- (b) MYUURSOR. EXCUTE ("SILECT DEPT. WATCH FROM")

 MISTRUTOR GROUP BY DEPT. WATCH HAVING SUMS LIALING

 > CSELECT AUG CTOTAL SALARY OF HOTAL-SALARY

 FROM INSTRUCTOR GROUP BY DEPT-MATCHE) AS

 SUBQUERY"))
- TEACHERS ON INSTRUCTORS. ID = TEACHERS. PD")
- 18) HOYUNGOR. EXCUTE ('SELECT INSTRUCTOR NAME)
 TEACHER COURSE LD PROM INSTRUCTOR JOIN
 TEACHERS ON LEFT JOIN TEACHERS ON INSTRUCTOR

 10 TEACHERS . 10")

Full-Emp (Emp-10 PERSON (NAME, Add, City)

Brothy ('100' Russon-ty ('RAM', Addr-ty ('1000', Ti', Butter)

Emp-ty ('100', Porson-ty ('Shan' Addr-ty ('1001', To', Paul))

MANAGER CHAPT AREA FREE HERES HERESTED

name	NOTE:	Typ-
Full-emp	("0000)	H (Parties) 6
		enp-ty

name eig 101 Ram Patralee

lelozz	19	Name	bely
(10)	100	Raj	Partiele
1	to1	sham	pahala.

SOURCE COURSE UP FROM INSTRUCTOR SOUND SAUDER COLLEGE COLLEGE

DODERIMENT-8 OBJECT ORIENTIAL PROGRAMONONG-BRACLE DE LUI MODERNE A TYPE add - ty. breate type addr. Ig as object Catract varator (60), (city vondar (80), state charce) upip voocharcas; STYLES ! 2) CREATE A TYPE PERSON. TG Coreate Lype presson ty as object Caddress addity); 3) (PEATE A TYPE EXOPTY. CREATE TYPE EMOPTY AS OBJECT 101 cempt id vorchar(9), 101 Person person-ty); 40 CREATE TABLE ETOP-00 Greate Jable emp-00 Cfull emp emp-ty); 001 5) Inter values 5nter inte emp- oo values cemp-ty c'100', person- 4y l'Ram'

addr-ty (1000 to

		4 4	
pull-emp			Bripity
200 CO CO	t may be	140 - 4	. 3
		a march	
to	Name	Joseph :	city
			Patida
101	Pam		1-0-1-
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loo	Raj	Po	diala
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los	Sham	Pa	tiala
		alialone.	-
	winyon-gas	344	

12-242)

Paticles, 'BB', 14100, 'JJ); Indest unto emp- 00 values Complety L'10! Power ty ('Sham addr. ty (100, TV), Patride', 198, 147001)); 6) select x from emp-00; 7) desc omp-00; 3) select e. full- emp. empt. idID, a - full - emp. Peison norme NAME, e. full-emp Person-address. cuty city from emp- one; 9) update update emploseset e - full - emp. person. name = 1 Raj, e. yull. emp. empt=id=100; where (0) select e.full. emp-empb_idID, e-full. emp. Person, norme. NAME, e. full. emp. Person address city city

from emploo e;

- 1) breake or overlace type newerp-ty as objectly

 lest name various (25),

 last name various (25),

 birthdate dato,

 nomber function age (Birth date in DAIE)

 votion between)
- (mente or oreplace type body new emp-types member function age (Birthabte in Date) return number is begin

Return Round Caysonde - 1814 date);

- 13) Greate bable new-emp-00 comployee new emp-ty);
- (new ompety ('Ram' Lal', '12-dec-1976');
- select e. employee. Virotoname, e employee.

 age c.e. employee. birth_alate) from

 new-emp-ooe;
- Wester table new. emp- of emp-ty;

1+1 Create stype emp-ty as object (empt-id warchar (2),
Person Person-ty);

18) Create table emp.00 cfull-emp emp-ty);

19) Insert who emp-oo values

Compty ('100;

Poson_ty ('Ram',

addr_ty ('1000'TU'

'Padiales; 'PB', '4700; JD);

20) sneed whe new- emp, values ('100', Rousanter l'raj', addr-ty ('100 Tu', 'PM', 'Ph', 14700; 1);

20 select * from now-emp; select oraf(n) from new-emp;n;

- breate dable dept-table of new-dept-re;
- 23) unsent unto den-tatte values (10, 'cm'); unsent unto den-table values (20, 'chem');

Name	Nimit of the	7-10
	1714 000	The
Empro	icy noise	
		Arunher (3)
Norme	ble emp. 00	make do
Dept		
1		Ref of new depty
	Op-duso 0	70°S. + 14.
	(00)	5 Julianus
Empro	Name	Defre (t.Det)
100	1 ST - 11	1
. (haj	acew deption
101	18 68° M. 186	HILLEY "
of 10019 004	sham	Mene dept - vol
Empus	te neo- enp.	to 1
L. W. 100 . T	9 and Name	CLOSING (R
10.0	d' lang Name 2019	Defre (E. Depl. Dy
10 4	hai	4
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114:	Sham	New legatoo) b,
	the front trees	Man Deptouling
desplace	the couch of	Hyomel
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LA STREET		the later of the same
- Lop- Dist.	in the car (a) maderice	Com
-	to del toph it is	4440
	- OA	-20 CM
And the	hable of	
106200	les als - 1126 ob	va Jacky (83
	- solo -	

- "unsort unto dent table values ("30; moth');
- a) soled net on from dent-table n;
- empro number (3),
 nume varchar (10),
 dept-ref new-dept-oo);
- 21) desc empt_test-fk

 set desc denth 2

 desc emp-test-fk
- 24) wiset into emp-test-flk
 set desc depth 2
 desc emp-test-flk
- 27 insent into emp_test-le Selat 100, traj, oref (n) from dept. table numere depno = 10;
- 28) unbent into empt-task-fk
 select 101, 'Sham', ref (n) from dent = table n where
 depno=20;
- elect a from emp-test-th;

epro. no test, fb).

select empro. name. deref (a.dent) derefte.dent, denno depho. derefte.dent). drawne drame from cemp-test-He

comployee empty,

dep. ref new-dept. 00);

31) set describe denth,

dec emp-table of k

set emp-table-th

set demp-depth-th

set describe depth 3

dec emp-table th

3) set describe depth 3
cloc emp. table - fle
det describe depth 4
elsc emp-table - fle

38) under b winto emp. table. the values c
empty. ty 100, oneson. ty l'Ram', addit ty Ĉiotu', hed;
coelect ones (n)
trem dep (n)
where deprio= 10

34) soled & from emp-table-fk;

35) select e. employe. empl_1d 1D, e. employee.

Person - name name, doref (e. dent, dorf (e. dent.)

denno denno, doref (e. dent). I name

from emp. dable - the;

188 6611000