Assignment 4

Q,1} Write a SQL statement to change the salary of an employee to 8000 whose ID is 105, if the existing salary is less than 5000.

update employees set salary = 8000 where employee_id = 105 and salary < 5000;

Q.2} Write a SQL statement to change the job ID of the employee which ID is 118 to SH_CLERK if the employee belongs to a department which ID is 30 and the existing job ID does not start with SH.

mployee_id on_pct man	nager_id dep	last_name artment_id	- 1			phone_number		_	_		
	+		+		-+-		+		+	-+-	
100	Steven	King	- 1	SKING	ī	515.123.4567	- 1	1987-06-17	AD_PRES	1	24000.0
	0										
				NKOCHHAR		515.123.4568		1987-06-18	AD_VP	1	17000.0
	100										
				LDEHAAN		515.123.4569		1987-06-19	AD_VP		17000.0
	100										
			- 1	AHUNOLD		590.423.4567		1987-06-20	IT_PROG		9000.0
	102										
				BERNST		590.423.4568		1987-06-21	IT_PROG		6000.0
0.00	103	60									
105	David	Austin		DAUSTIN		590.423.4569		1987-06-22	IT_PROG	ı	4800.0
0.00	103	60				590.423.4560					
				VPATABAL	-	590.423.4560		1987-06-23	IT_PROG	ı	4800.0
0.00	103					500 400 5565		1007 06 04			4000
	Diana 103		- 1	DLORENTZ	ı	590.423.5567	- 1	1987-06-24	IT_PROG	ı	4200.0
						515.124.4569		1007 06 05			10000
	Nancy 101		- 1	NGREENBE	1	515.124.4569	- 1	1987-06-25	L.T_WGK	1	12000.0
				DENTITED	ī,	515.124.4169		1907-06-26	I DI AGGOTINE	i.	9000 0
	108		- 1	DEAVIET	1	313.124.4103	- 1	1307-06-26	FI_ACCOUNT	1	3000.0
				TCHEN	ï	515.124.4269		1987-06-27	I ET ACCOUNT	ï	8200 0
	108		- 1	COLLIN	1	010.121.1207	- 1	1507 00 27	, II_ACCOONI	1	0200.0
			1	TSCTARRA	ī	515.124.4369	1	1987-06-28	I FT ACCOUNT	ī	7700 0
	108				1	010.121.1005	- 1	2207 00 20	, -1_2000011	1	,,,,,,
	Jose Manuel		1	JMURMAN	ī	515.124.4469	1	1987-06-29	I FI ACCOUNT	ī	7800.0
	108				ď					1	
				LPOPP	ī	515.124.4567	1	1987-06-30	FI ACCOUNT	ī	6900.0
	108				Ċ				_		
114	Den	Raphaely	- 1	DRAPHEAL	ī	515.127.4561		1987-07-01	PU MAN	ī	11000.0
0.00	100	30			Ċ				_	Ť	

			I		I	MHARTSTE	I	515.123.5555	I	1987-09-26	I	MK_MAN	1	13000.00	1
0.00	202	100 Pat	ī	20 Fay	ı	PFAY	ī	603.123.6666	ī	1987-09-27	ı	MK_REP	ī	6000.00	ī
0.00	1	201		20											
	203	Susan		Mavris		SMAVRIS		515.123.7777		1987-09-28		HR_REP		6500.00	
0.00	1	101		40											
	204	Hermann	1	Baer		HBAER	1	515.123.8888		1987-09-29		PR_REP		10000.00	
0.00	1	101		70											
	205	Shelley	1	Higgins		SHIGGINS	1	515.123.8080		1987-09-30		AC_MGR		12000.00	
0.00	1	101		110											
	206	William		Gietz		WGIETZ		515.123.8181		1987-10-01		AC_ACCOUNT		8300.00	
0.00	1	205		110											
	118	Guy	1	Himuro		GHIMURO		515.127.4565		1987-07-05		SH_CLERK		2600.00	
0.00		114		30											
(107 rows	3)														

- Q.3} Write a SQL statement to increase the salary of employees under the department 40, 90 and 110 according to the company rules that, the salary will be increased by 25% of the department 40, 15% for department 90 and 10% of the department 110 and the rest of the department will remain same.
- Q.4} Write a SQL statement to change the email column of the employees table with 'not available' for those employees who belongs to the 'Accounting' department.

assignments=*# UPDATE 6	update employ	/ees set email=	'not available'	where job_id like	'%ACCOUNT';	
assignments=*#						
employee_id	first_name	last_name	email	phone_number	hire_date job_id s	alary
ommission_pct	manager_id	department_id				
				+	+	+
		·				
				515.123.4567	1987-06-17 AD_PRES 24	000.00
	0					
				515.123.4568	1987-06-18 AD_VP 17	000.00
	100			1 515 100 4560	1 1007 06 10 1 20 770 1 17	
			LDEHAAN	515.123.4569	1987-06-19 AD_VP 17	000.00
	100			L EDD 400 4ECT	1987-06-20 IT PROG 9	.000 00 1
		Hunora (390.423.456/	1987-06-20 11_PROG 9	000.00
				1 590 422 4569	1987-06-21 IT_PROG 6	000 00 1
0.00	103	60	DLINDI	7 330.123.1300	1 1307 00 21 11_FR00 0	000.00
105	Dawid I	Anstin	DAHSTIN	1 590 423 4569	1987-06-22 IT PROG 4	800 00 1
	103		21102221	, 030112011003	1 230, 00 22 21_1.00	
				590.423.4560	1987-06-23 IT PROG 4	800.00
		60				
				590.423.5567	1987-06-24 IT PROG 4	200.00
					· =	
203	Susan	Magris	SMAVRIS	I 515.123.7777	1987-09-28 HR REP 6	500.00 L
	101			1 010112011111	130, 03 20 III_IBI	,
			HBAER	515.123.8888	1987-09-29 PR_REP 10	000.00
	101				, , <u>-</u> ,	
			SHIGGINS	515.123.8080	1987-09-30 AC MGR 12	000.00
0.00	101	110				
109	Daniel	Faviet	not available	515.124.4169	1987-06-26 FI_ACCOUNT 9	000.00
0.00	108	100			_	
110	John	Chen	not available	515.124.4269	1987-06-27 FI_ACCOUNT 8	200.00
	108					
				515.124.4369	1987-06-28 FI_ACCOUNT 7	700.00
0.00	108	100				
112	Jose Manuel	Urman		515.124.4469	1987-06-29 FI_ACCOUNT 7	800.00
	108					
113	Luis	Popp		515.124.4567	1987-06-30 FI_ACCOUNT 6	900.00
0.00	108	100			1987-10-01 AC ACCOUNT 8	
				515.123.8181	1987-10-01 AC_ACCOUNT 8	300.00
(107 rows)	205	110				

Q.5}Write a SQL statement to change the email column of employees table with 'not available' for those employees whose department_id is 80 and gets a commission is less than.20%.

update employees set email = 'not available' where department_id =80 and commission_pct < 0.2;

```
0.00 |
                               206 | William
                  | Gietz
0.00 |
            205 I
                          110
  163 | Danielle
                  | Greene
                               | not available | 011.44.1346.229268 | 1987-08-19 | SA_REP | 9500.00 |
0.15 |
            147 |
                           80
  164 | Mattea
                  | Marvins
                               | not available | 011.44.1346.329268 | 1987-08-20 | SA_REP | 7200.00 |
0.10
            147 I
                           80
  165 | David
                               | not available | 011.44.1346.529268 | 1987-08-21 | SA_REP | 6800.00 |
0.10 I
            147 |
                          80
  166 | Sundar
                              | not available | 011.44.1346.629268 | 1987-08-22 | SA_REP | 6400.00 |
                  | Ande
           147 |
0.10 |
                          8.0
  .0 | . . .
167 | Amit
                              | not available | 011.44.1346.729268 | 1987-08-23 | SA REP | 6200.00 |
                  Banda
           147 |
0.10 |
                          80
  171 | William
                               | not available | 011.44.1343.629268 | 1987-08-27 | SA_REP | 7400.00 |
                  Smith
            148 |
                               | not available | 011.44.1343.529268 | 1987-08-28 | SA_REP | 7300.00 |
  172 | Elizabeth
                  Bates
0.15
                           80
            148 |
  173 | Sundita
                               | not available | 011.44.1343.329268 | 1987-08-29 | SA_REP | 6100.00 |
                  Kumar
0.10 |
            148 |
  179 | Charles
                  | Johnson
                               | not available | 011.44.1644.429262 | 1987-09-04 | SA_REP | 6200.00 |
0.10 |
            149 |
```

Q.6} Write a SQL statement to change the email and commission_pct column of the employees table with 'not available' and 0.10 for all employees.

update employees set email = 'not available',commission_pct=0.10;

```
assignments=# update employees set email = 'not available',commission pct=0.10;
UPDATE 107
assignments=# select * from employees;
                                                                      | hire_date | job_id | salary | c
employee_id | first_name
                         last name
                                    - 1
                                         email | phone_number
ission_pct | manager_id | department_id
       100 | Steven
                                    | not available | 515.123.4567
                                                                      | 1987-06-17 | AD_PRES
                                                                                              | 24000.00 |
     0.10 |
                                90
        101 | Neena
                                    | not available | 515.123.4568
                                                                     | 1987-06-18 | AD_VP
                                                                                             | 17000.00 |
        0 | 100 |
102 | Lex
0 | 100 |
                                90
     0.10 I
                        | De Haan
                                    | not available | 515.123.4569
                                                                     | 1987-06-19 | AD VP
                                                                                             | 17000.00 |
     0.10 I
                                90
        103 | Alexander
                       | Hunold
                                    | not available | 590.423.4567
                                                                    | 1987-06-20 | IT_PROG | 9000.00 |
                       60
| Ernst
                 102 |
     0.10 |
        104 | Bruce
                                    | not available | 590.423.4568
                                                                    | 1987-06-21 | IT_PROG
                                                                                             | 6000.00 |
     0.10 | 1
106 | Valli
                 103 |
                                    | not available | 590.423.4560
                                                                    | 1987-06-23 | IT PROG | 4800.00 |
                       | Pataballa
     0.10
                 103 |
        107 | Diana
                                    | not available | 590.423.5567
                       Lorentz
                                                                    | 1987-06-24 | IT PROG | 4200.00 |
       10 |
108 | Nancy
101 |
                                    | not available | 515.124.4569
                                                                    | 1987-06-25 | FI_MGR | 12000.00 |
                       | Greenberg
                                100
     0.10 |
        109 | Daniel
                       | Faviet
                                    | not available | 515.124.4169
                                                                    | 1987-06-26 | FI_ACCOUNT | 9000.00 |
                       100 | Chen
                 108 |
     0.10 I
        110 | John
.0 | 108 |
                                    | not available | 515.124.4269
                                                                      | 1987-06-27 | FI ACCOUNT | 8200.00 |
     0.10 I
        111 | Ismael
                       | Sciarra
                                     | not available | 515.124.4369
                                                                    | 1987-06-28 | FI_ACCOUNT | 7700.00 |
       108 | 100
112 | Jose Manuel | Urman
     0.10 I
                                    | not available | 515.124.4469
                                                                      | 1987-06-29 | FI ACCOUNT | 7800.00 |
                 : Manuc.
108 |
| Popp
     0.10 |
113 | Luis
                              100
       108 |
114 | Den
                                    | not available | 515.124.4567
                                                                    | 1987-06-30 | FI ACCOUNT | 6900.00 |
                               :100
                       | Raphaely
```