*Merge LAB*

*create table dept60\_bonuses (employee\_id number ,bonus\_amt number);*

*insert into dept60\_bonuses values (103, 0);*

*insert into dept60\_bonuses values (104, 100);*

*insert into dept60\_bonuses values (105, 0);*

*commit;*

*select employee\_id, last\_name, salary from hr.employees*

*where department\_id = 60 ;*

*select \* from dept60\_bonuses;*

*merge into dept60\_bonuses b*

*using (*

*select employee\_id, salary, department\_id*

*from hr.employees where department\_id = 60) e*

*on (b.employee\_id = e.employee\_id)*

*when matched then*

*update set b.bonus\_amt = e.salary \* 0.2 where b.bonus\_amt = 0*

*delete where (e.salary > 7500)*

*when not matched then*

*insert (b.employee\_id, b.bonus\_amt) values (e.employee\_id, e.salary \* 0.1)*

*where (e.salary < 7500);*

*select \* from dept60\_bonuses;*

*=============*

*MERGE INTO big\_emp t*

*USING (select \* from hr.employees) s*

*ON (t.employee\_id = s.employee\_id)*

*WHEN MATCHED THEN UPDATE SET*

*-- t.employee\_id = s.employee\_id, -- ON clause columns not allowed*

*t.first\_name = t.first\_name, t.last\_name = s.last\_name , t.email = s.email ,*

*t.phone\_number = s.phone\_number , t.hire\_date = s.hire\_date , t.job\_id = s.job\_id , t.salary = s.salary , t.commission\_pct = s.commission\_pct , t.manager\_id = s.manager\_id ,*

*t.department\_id = s.department\_id WHERE (S.salary <= 3000)*

*DELETE WHERE (S.job\_id = 'FIRED');*

*==========*

*MERGE INTO big\_emp t*

*USING (select \* from hr.employees) s*

*ON (t.employee\_id = s.employee\_id)*

*WHEN NOT MATCHED THEN INSERT*

*(t.employee\_id , t.first\_name , t.last\_name , t.email ,*

*t.phone\_number , t.hire\_date , t.job\_id ,*

*t.salary , t.commission\_pct , t.manager\_id , t.department\_id)*

*VALUES (s.employee\_id , s.first\_name , s.last\_name ,*

*s.email , s.phone\_number , s.hire\_date , s.job\_id , s.salary ,*

*s.commission\_pct , s.manager\_id , s.department\_id)*

*WHERE (S.job\_id != 'FIRED');*

*===========*

*MERGE INTO big\_emp t*

*USING (select \* from hr.employees where job\_id != 'FIRED') s*

*ON (t.employee\_id = s.employee\_id)*

*WHEN NOT MATCHED THEN INSERT*

*(t.employee\_id ,*

*t.first\_name , t.last\_name , t.email , t.phone\_number ,*

*t.hire\_date , t.job\_id , t.salary ,*

*t.commission\_pct , t.manager\_id ,*

*t.department\_id)*

*VALUES (s.employee\_id ,*

*s.first\_name , s.last\_name , s.email ,*

*s.phone\_number ,*

*s.hire\_date , s.job\_id ,*

*s.salary , s.commission\_pct ,*

*s.manager\_id , s.department\_id);*

*====================*

*MERGE INTO test1 a*

*USING all\_objects b*

*ON (a.object\_id = b.object\_id)*

*WHEN MATCHED THEN*

*UPDATE SET a.status = b.status*

*WHERE b.status != 'VALID'*

*DELETE WHERE (b.status = 'VALID');*

*===*

*MERGE /\*+ APPEND \*/ INTO big\_emp t*

*USING (select \* from hr.employees) s*

*ON (t.employee\_id = s.employee\_id)*

*WHEN MATCHED THEN UPDATE SET*

*-- t.employee\_id = s.employee\_id,*

*t.first\_name = t.first\_name, t.last\_name = s.last\_name ,*

*t.email = s.email , t.phone\_number = s.phone\_number ,*

*t.hire\_date = s.hire\_date , t.job\_id = s.job\_id , t.salary = s.salary ,*

*t.commission\_pct = s.commission\_pct , t.manager\_id = s.manager\_id ,*

*t.department\_id = s.department\_id WHERE (S.salary <= 3000)*

*DELETE WHERE (S.job\_id = 'FIRED')*

*WHEN NOT MATCHED THEN INSERT*

*(t.employee\_id , t.first\_name , t.last\_name , t.email , t.phone\_number ,*

*t.hire\_date , t.job\_id , t.salary , t.commission\_pct , t.manager\_id ,*

*t.department\_id) VALUES*

*(s.employee\_id , s.first\_name , s.last\_name , s.email , s.phone\_number ,*

*s.hire\_date , s.job\_id , s.salary , s.commission\_pct , s.manager\_id ,*

*s.department\_id)*

*WHERE (S.job\_id != 'FIRED');*

*=========*

*CREATE TABLE bonuses (employee\_id NUMBER, bonus NUMBER DEFAULT 100);*

*INSERT INTO bonuses(employee\_id)*

*(SELECT e.employee\_id FROM employees e, orders o*

*WHERE e.employee\_id = o.sales\_rep\_id GROUP BY e.employee\_id);*

*=======*

*MERGE INTO bonuses D*

*USING (SELECT employee\_id, salary, department\_id FROM employees*

*WHERE department\_id = 80) S*

*ON (D.employee\_id = S.employee\_id)*

*WHEN MATCHED THEN UPDATE SET D.bonus = D.bonus + S.salary\*.01*

*DELETE WHERE (S.salary > 8000)*

*WHEN NOT MATCHED THEN INSERT (D.employee\_id, D.bonus)*

*VALUES (S.employee\_id, S.salary\*.01)*

*WHERE (S.salary <= 8000);*

*===========*