

```
CREATE TABLE EMPLOYEEES(  
employee_ID INTEGER PRIMARY KEY,  
FirstName varchar(100),  
LastName varchar(100),  
Department varchar(50),  
Address varchar(50),  
Salary Number NOT NULL  
);
```

```
CREATE TABLE Employees_history(  
previousSalary NUMBER,  
newSalary NUMBER  
);  
DESC EMPLOYEEES;
```

```
ALTER TABLE EMPLOYEEES ADD DOB DATE;
```

```
INSERT INTO EMPLOYEEES  
(employee_ID,FirstName,LastName,Department,Address,Salary,DOB) VALUES  
(1,'Roshan','Poudel','React','Putalisadak',100000,TO_DATE('2000/01/03','YYYY/MM/DD'));
```

```
INSERT INTO EMPLOYEEES  
(employee_ID,FirstName,LastName,Department,Address,Salary,DOB) VALUES  
(2,'Ram','Kumar','Java','Koteshwor',120000,TO_DATE('1995/02/22','YYYY/MM/DD'));
```

```
INSERT INTO EMPLOYEEES  
(employee_ID,FirstName,LastName,Department,Address,Salary,DOB) VALUES  
(3,'Prashant','Shah','Python','Bode',90000,TO_DATE('2002/09/11','YYYY/MM/DD'));
```

```
INSERT INTO EMPLOYEEES  
(employee_ID,FirstName,LastName,Department,Address,Salary,DOB) VALUES  
(4,'Ramesh','Prashai','Java','Bagbazar',120000,TO_DATE('1998/02/20','YYYY/MM/DD'));
```

```
INSERT INTO EMPLOYEEES  
(employee_ID,FirstName,LastName,Department,Address,Salary,DOB) VALUES  
(5,'Avi','Niraula','React','Koteshwor',110000,TO_DATE('1999/09/02','YYYY/MM/DD'));
```

```
SELECT FirstName,LastName,Salary FROM EMPLOYEEES WHERE SALARY > 95000;
```

```
SELECT CONCAT(FirstName,LastName) as FullName From EMPLOYEEES;
```

```
–Exception  
DECLARE  
number1 INT;  
number2 INT;  
resultNumber INT;  
BEGIN
```

```

number1 := &n1;
number2 := &n2;
resultNumber := number1 / number2;
dbms_output.put_line(resultNumber);
EXCEPTION
WHEN ZERO_DIVIDE THEN
dbms_output.put_line('Division by zero occurred');
WHEN OTHERS THEN
dbms_output.put_line('Other error occurred');
END;

```

–Trigger

```

CREATE TRIGGER UpdateEmployee
BEFORE UPDATE ON EMPLOYEES
FOR EACH ROW

```

```

BEGIN
  dbms_output.put('Old salary: ' || :old.salary);
  dbms_output.put(' New salary: ' || :new.salary);
  INSERT INTO employees_history VALUES (:old.salary,:new.salary);

```

```

END;

```

```

UPDATE EMPLOYEES set salary =97000 where employee_ID =1;

```

SQLPLUS

```

SQL> DESC EMPLOYEES;

```

Name	Null?	Type
EMPLOYEE_ID	NOT NULL	NUMBER(38)
FIRSTNAME		VARCHAR2(100)
LASTNAME		VARCHAR2(100)
DEPARTMENT		VARCHAR2(50)
ADDRESS		VARCHAR2(50)
SALARY	NOT NULL	NUMBER
DOB		DATE

```

SQL> Select * From Employees;
Select * From Employees
      *
ERROR at line 1:
ORA-00923: FROM keyword not found where expected

SQL> Change /Form/From;
1* Select * From Employees
SQL> LIST;
1* Select * From Employees
SQL> APPEND where salary>90000;
1* Select * From Employeeswhere salary>90000
SQL> clear screen;

```