

Assignment-10

1. Write a PL/SQL block of code which raised 'NO DATA FOUND' exception when there is no employee joined in 1997 at the time of displaying 1997 joined employees.

```
SET SERVEROUTPUT ON
DECLARE
    vname emp.ename%type;
    vjob emp.job%type;
BEGIN
    select ename, job into vname, vjob from emp where DOJ between '01-JAN-97 and '31-DEC-97';
    dbms_output.put_line(vname || ' ' || vjob);
EXCEPTION
WHEN NO_DATA_FOUND THEN
    dbms_output.put_line('No Employee hired in 1997);
END;
```

2. Write a PL/SQL Block of code to find the QOH amount from item_master table. If QOH is less than 1 raise an user define exception "INSUFFICIENT STOCK".

```
SET SERVEROUTPUT ON
DECLARE
    out_of_stock EXCEPTION;
    qty_on_hand NUMBER(5);
BEGIN
    IF qty_on_hand < 1 THEN
        RAISE out_of_stock;
    END IF;
EXCEPTION
    WHEN out_of_stock THEN
        dbms_output.put_line ("INSUFFICIENT STOCK");
END;
```

3. Write a PL/SQL block of code using your own exception handling that will show an error message whenever you want to insert a null value in a not null column.

```
SET SERVEROUTPUT ON
DECLARE
    user_error EXCEPTION;
    PRAGMA EXCEPTION_INIT(user_error, -0150);
BEGIN
    insert into emp values( NULL, 'Subir', 'REARCH', 7900, '12-MAY-2002', 90000,1200,200);
EXCEPTION
    WHEN user_error THEN
        DBMS_OUTPUT.PUT_LINE ('CANNOT INSERT NULL VALUES');
END;
```