***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 SURVEROUTPUT 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;

1. 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 SURVEROUTPUT 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;

1. 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 SURVEROUTPUT ON

DECLARE

user\_error EXCEPTION;

PRAGMA EXECPTION\_INIT(user\_error, -0150);

BEGIN

insert into emp values( NULL, ‘Subir’, ‘REARCH’, 7900, ’12-MAY-2002’, 90000,1200,200);

EXECPTION

WHEN user\_error THEN

DBMS\_OUTPUT.PUT\_LINE (‘CANNOT INSERT NULL VALUES’);

END;