15) Write a PL/SQL block to print name and salary of employee whose empid is 7798.

```
DECLARE
    NAME        EMP.ENAME%TYPE;
    SALARY      EMP.SAL%TYPE;
BEGIN
    SELECT ENAME, SAL INTO NAME, SALARY FROM EMP
            WHERE EMPNO = 7798;
    DBMS.OUTPUT.PUT_LINE ('Name:' || NAME);
    DBMS.OUTPUT.PUT_LINE ('Salary:' || SALARY);
END;
```

7) Write a PL/SQL block to update salary of all employee (+1000) using implicit cursor.

```
DECLARE
    SALARY EMP.SAL%.TYPE;
BEGIN
    UPDATE EMP SET SAL = SAL +1000;
    IF SQL%FOUND THEN
        DBMS_OUTPUT.PUT_LINE('Salary of ' || SQL%ROWCOUNT ||
                        'employees updated.');
    ELSIF SQL%NOTFOUND THEN
        DBMS_OUTPUT.PUT_LINE('Salary not updated!');
    ENDIF;
END;
```

18) Write a PL/SQL Block to print name and salary of employees who are working in department number 10.

```
DECLARE
      CURSOR  C  IS
            SELECT  *  FROM  EMP  WHERE  DEPTNO = 10;
      ROW  EMP.ROWTYPE;
BEGIN  .
      FOR R IN C LOOP
            DBMS_OUTPUT.PUT_LINE ('Name: '||R.NAME);
            DBMS_OUTPUT.PUT_LINE ('SALARY:' ||R.SAL);
      END LOOP;
END;
```

10) Write a PL/SQL block to display all the data of employee table.

```
DECLARE
        SSN      EMP.EMPNO%TYPE;
        NAME     EMP.ENAME%TYPE;
        SALARY   EMP.SAL%TYPE;
        CURSOR  C IS
                SELECT EMPNO, ENAME, SAL FROM EMP;
BEGIN
        OPEN  C;
        FETCH  C  INTO  SSN, NAME, SALARY;
        WHILE  C%FOUND LOOP
                FETCH  C  INTO  SSN, NAME, SALARY;
                DBMS_OUTPUT.PUT_LINE ('EID: ' || SSN);
                DBMS_OUTPUT.PUT_LINE ('Name: ' || NAME);
                DBMS_OUTPUT.PUT_LINE ('Salary: ' || SALARY);
        END LOOP;
END;  CLOSE  C;
END;
```

20) Write a PL/SQL block to create an array of names and print them.

```
DECLARE
    TYPE ARRAY IS
        VARRAY (10) of VARCHAR (50);
    NAMES ARRAY;
    TOTAL NUMBER(2) := 5;
BEGIN
    NAMES := ARRAY('Jaskaran Singh', 'guncharan Singh',
                    'Rohit', 'Bavi', 'RAman');
    FOR I IN 1.. TOTAL LOOP
        DBMS_OUTPUT.PUT_LINE (NAMES(I));
    END LOOP;
END;
```

21) Write a PL/SQL block to display name, salary and job of employees whose eid is 7798 using record type.

```
DECLARE
        TYPE ROW IS RECORD (
              NAME    EMP.ENAME.%.TYPE;
              SALARY  EMP.SAL.%.TYPE;
              JOB     EMP.JOB.%.TYPE;
        );
        R ROW;
BEGIN
        SELECT ENAME, SAL, JOB INTO R FROM EMP
              WHERE EMPNO = 7798;
        DBMS_OUTPUT.PUT_LINE ('NAME :' || R.NAME);
        DBMS_OUTPUT.PUT_LINE ('Salary :' || R.SALARY);
        DBMS_OUTPUT.PUT_LINE ('Job: ' || R.JOB);
END;
```

22) Write a PL/SQL block to display name, salary and job of employees whose department is 10, using cursor and rowtype attribute.

```sql
DECLARE
        CURSOR IS C
                SELECT * FROM EMP WHERE DEPTNO = 10;
        ROW    EMP./.ROWTYPE;
BEGIN
        OPEN C;
        FETCH C INTO ROW;
        WHILE C./.FOUND LOOP
                DBMS_OUTPUT.PUT_LINE ('Name:' || ROW.ENAME);
                DBMS_OUTPUT.PUT_LINE ('Salary:' || ROW.SAL);
                DBMS_OUTPUT.PUT_LINE ('Job:' || ROW.JOB);
        END LOOP;
        CLOSE C;
END;
```