IFS 244

Business Information Systems

Individual Assignment 2

Marks	73
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Question 1 [21]

Write a PL/SQL statement that prompts a user to enter an employee# and displays the employee's details by creating a record named **Job_rec.** This record must have employee#, name, department#, salary and job, it must produce the same results as shown below.

```
Enter value for employee_no: 7902
Name: FORD #7902
Department no #20
Employed as a ANALYST
Salary R3000

PL/SQL procedure successfully completed.
```

Question 2 [10]

Write PL/SQL statement that declares an implicit cursor named **emp_curs**, the cursor must display the name, employee#, job and salary of all employees in department# 10 and 20. Your output must resemble the one below.

```
KING 7839 PRESIDENT 5000
CLARK 7782 MANAGER 2450
JONES 7566 MANAGER 2975
FORD 7902 ANALYST 3000
SMITH 7369 CLERK 800
SCOTT 7788 ANALYST 3000
ADAMS 7876 CLERK 1100
MILLER 7934 CLERK 1300

PL/SQL procedure successfully completed.
```

Question 3 [22]

Write PL/SQL statement that declares an explicit cursor named **staff_cur** that display the name, employee#, job, salary and hire date of all employees whose commission is null. Your loop must exit when the cursor ROWCOUNT greater than 3 or NOTFOUND.

```
KING 7839 PRESIDENT 5000 17-NOV-81
BLAKE 7698 MANAGER 2850 01-MAY-81
CLARK 7782 MANAGER 2450 09-JUN-81

PL/SQL procedure successfully completed.
```

Question 4   **[20]**

4.1.
Create a function named **dept_emp_total** that receives as a parameter the department number# and calculates all employees in that queried department and returns the number of employees.   **[10]**

4.2.
Write a PL/SQL statement that updates the job to **cleaner** for employee# 7839, an exception **NO_DATA_FOUND** must be raised when no such employee or data found for the employee#. Your program must return PL/SQL procedure successfully completed when the employee# exist.   **[10]**

```
No such employee exist

PL/SQL procedure successfully completed.
```

Total marks [73]