I

a. Create a table called Code_Employee(empno int primary key,
empname varchar(35), (is a required field)
empsal numeric(10,2) - (check empsal >=25000)
emptype char(1)) (either 'F' for fulltime or 'P' part time) (Empty Table)

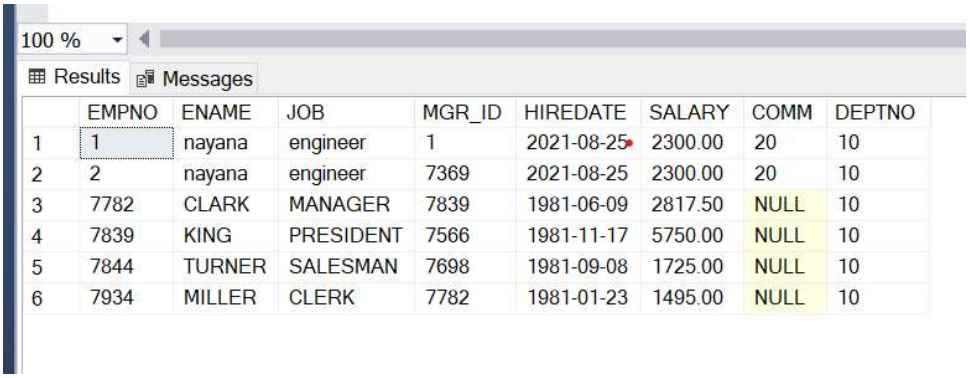
```
Create  Database SQL_ADO_TEST
USE SQL_ADO_TEST
 CREATE TABLE Code_Employee (
empno int PRIMARY KEY,
empname varchar(35) NOT NULL,
empsal numeric(10,2) CHECK (empsal >= 25000),
emptype char(1) CHECK (emptype IN ('F', 'P'))
);

--b. Create a stored procedure to add new employee records.
--The procedure should accept all the employee details as input parameters,
--except empno. Generate the new employee no in the procedure and
--then insert the record

create or alter procedure Addemplyoee
( @empname varchar(35),
  @empsal numeric(10,2),
  @emptype char(1)
)
as begin

declare @newempno int
```

```
Set @newEmpNo = (Select ISNULL(MAX(empno), 0) + 1 FROM Code_Employee);

insert into Code_Employee values(@newempno,@empname,@empsal,@emptype)


end


Addemplyoee 'nayana' ,30000 ,'f'


select * from Code_Employee
```

II. Write a Cursor program, that retrieves all the employees and updates salary for all employees of Department 10(Accounting) by 15%

```
declare @empno int

declare @salary int

 -- Cursor Declaration

declare EmployeeCursor cursor for

select empno, salary

from Emp

where deptno = 10

 -- Cursor open

open EmployeeCursor

 --first row

fetch next from EmployeeCursor into @empno, @salary

 -- Loop through the cursor

while @@fetch_status = 0

begin

set @salary = @salary * 1.15

 -- Updating the salary with a 15% increase

update EMP
```

```
set salary = salary * 1.15
where EmpNo = @EmpNo
-- Fetching the next row
fetch next from EmployeeCursor into @empno, @salary
end
close EmployeeCursor
deallocate EmployeeCursor
 -- Select the updated records to verify
select * from EMP where DeptNo = 10
```



100 %

Results | Messages

	EMPNO	ENAME	JOB	MGR_ID	HIREDATE	SALARY	COMM	DEPTNO
1	1	nayana	engineer	1	2021-08-25	2300.00	20	10
2	2	nayana	engineer	7369	2021-08-25	2300.00	20	10
3	7782	CLARK	MANAGER	7839	1981-06-09	2817.50	NULL	10
4	7839	KING	PRESIDENT	7566	1981-11-17	5750.00	NULL	10
5	7844	TURNER	SALESMAN	7698	1981-09-08	1725.00	NULL	10
6	7934	MILLER	CLERK	7782	1981-01-23	1495.00	NULL	10