

MCKV Institute of Engineering
243 G. T. Road (N), Liluah, Howrah – 711204

Subject: Database Management System

LabCode: PC - CS692

Stream: CSE

Credit: 2

Assignment-9

1. Write a PL/SQL block of code that first withdraws an amount of Rs. 500. Then again withdraws Rs. 500. Now if the current balance of a specific account number is less than Rs. 1000 then undo the last withdraw just made.
2. Write a PL/SQL block of code to update the location of specific department number that will be taken from user. Display an appropriate message using SQL%FOUND based on existence of the record in the Department table and display an appropriate message using SQL%NOTFOUND based on the non-existence of the record in Department Table.
3. Write a PL/SQL block that will show an Employee name for a given Employee number. Here you try to enter a wrong Employee number and show an appropriate message i.e. NOT FOUND using exception handling.
4. 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.
5. a) Create a table Emp_sal_inc that have three column (Emp_id, Cur_sal, Inc_date).
b) Now write a PL/SQL block of code will allow 2% salary increment of all employee of RESEARCH department. After that all records are to be inserted into the above table i.e. Emp_sal_inc.

Asssignment-10

1. Write a PL/SQL block that will add 2% interest of all customer of a bank for active account.
 - i) For updating Acc_details updating, you have to use Cursor.
 - ii) For entry in Transaction_Acc, you have to use procedure.
 - iii) For Generation Transaction_id, you have to use function.
2. a) Create the following table: (Table Name:– Emp_audit)

Column_Name	Data type	Size	Attributes
Emp_no	Number	4	Primary Key
Dept_no	Number	4	Not Null, Ref. department.dept_no
Status	Varchar 2	8	
Salary	Number	8,2	Not Null
Audit_date	Date		Not Null

b) Write a trigger that must keep track of records (in above table) that are being deleted or updated from Employee table.

c) Write a SQL command to update the employee entry and describe the output.

1.

2.

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Signatures of the Faculty Members

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Signatures of HOD - CSE)