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| Detailed Scheduled | |
| Unit III:-Introduction to PL/SQL | |
| Topics:- | Understanding Cursor, Cursor FOR loops Parameterized Cursor, Cursor within Cursor |
|  | **Exercise** |
| Exercise | (I)Create a table Student (R\_No, Name, Sub1, Sub2, Sub3, Total, Grade)  Insert 10 records in the above table where each subject carries maximum 100 marks. Don’t enter the total and grade manually.   1. Write a PLSQL block to calculate and update the Total for each and every student. 2. Calculate the grade of all students, based to total (>70 AA, >60 A, >50 B, >35 C, else Fail) 3. Write a Cursor to find the first 3 rankers based on the total marks.   (II)   1. Add a Salary and Bonus column in the Faculty\_Master Table and calculate the bonus of each faculty of “MCA” department which is based on the 5% of their salary. If the salary in less than 25000, then raise the exception. 2. Display name of 2 faculties getting maximum bonus.   (III)  Use following tables are create a report as shown below. supplier (sid, sname, contactnum)  parts (pid, pname, color, unitrate)  catalog (sid, pid, qty) [primary key(sid,pid)]  Write a PLSQl Cursor to take a supplier’s name as an input from the user and prepare a report in the following format:  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  PART ID PART NAME QUANTITY UNIT PRICE TOTAL  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Grand Total:  Raise a user defined exception when the supplier’s name not found in the database table. |