CSE216, July 2022, PL-SQL Online (SEC B1 and B2)
Duration: 30 Minutes

Q1. Write a PL/SQL block as follows:

a. Find the number of tuples in countries table.
b. Display the message "The number of tuples in countries table is --------"
c. Inserts a new tuple to the COUNTRIES table and display the message "The number of tuples in countries table after insertion is --------"

*** Save the PL/SQL block and the screenshot of the output in a MS-Word file named: Your Id_SEC_B1 or Your Id_SEC_B2 as appropriate for you.

Q2. Write a procedure named SALARY_COMPARISON as follows:

a. It will input two employee ids: EID1 and EID2 of two employees employee1 and employee 2 and test whose salary is higher. It will have a output message as well.
b. If employee 1 earns higher salary then employee 2, update the salary of employee 2 by the salary of employee 1 and display the message "EID 2 is updated by EID 1".
c. If employee 1 earns lower salary then employee 2, display the message "EID 1 earns lower than EID 2".
d. Otherwise "EID 2 earns equals to EID 1"
e. The message will be displayed and **also can be taken to a variable for future usage**.
f. Execute the procedure with EIDs (132, 128), (128, 136), (136, 132) and save the output as follows

*** Save the procedure and the screenshot of the output in the file of Q1.

Q3. Write a function named salary_Check as follows:

a. The input will be employee id and a value of the same type as salary.
b. The function will check the salary of the employee against the value
c. If the salary is higher than the value, it will return the string "High"
d. If the salary is lower than the value, it will return the string "Low"
e. Otherwise, it will return "Equal"

Using the function,

a. Find the first name, last name, salary, salary_check for employee id less than or equal to 103 with a value 17000 using your defined function.

*** Save the function and the screenshot of the output in the file of Q1.