A2-DBS311-2022-2 Modified July 8

/\* You are going to answer these questions and produce

1) a script file that will run the questions . See Question 5 for additional information

2) produce a video of you running the script file.

The video will have the members full name and student id at the end that are in your group

- any missing names or missing pieces like last name will get zero

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/\* Question 1 (5marks)

Create a table called studentXX where XX is the last 2 digits of the oracle login id

The table has the following attributes SID, MARKS, GRADE

The criteria for GRADE is the following

80 and above A

75 to 79 B+

70 to 74 B

60 to 69 C

50 to 59 D

Anything else is an F

Here are10 inserts for you

insert into studentXX ( sid, marks) values (1,80)

insert into studentXX ( sid, marks) values (2,90)

insert into studentXX ( sid, marks) values (3,70)

insert into studentXX ( sid, marks) values (4,67)

insert into studentXX ( sid, marks) values (5, 79)

insert into studentXX ( sid, marks) values (6,21)

insert into studentXX ( sid, marks) values (7, 75)

insert into studentXX ( sid, marks) values (8,35)

insert into studentXX ( sid, marks) values (9, 59)

insert into studentXX ( sid, marks) values (10,71)

Below will be

- the create table

- the inserts above

- the procedure

The procedure will calculate and enter the GRADE values into the table studentXX based on what you inserted above. After the updates of the table, it will also display all 10 rows.

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Question 2 (5 marks)

Write a procedure called upmarksXX that will take as input the data from the previous studentXX table. The grades will be increased by 11.5% and the result will be rounded to a whole number. Do not allow the output to go above 100. Do not change the grade. Display all 10 rows again

Code goes below

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Question 3 (5 marks)

Take 2 numbers hard coded into 2 variables smallXX with value 9, and largeXX with value 7. The code will put the values in order from lowest to highest. The output will look like this

smallXX = 7 -- -- you cannot hard code the value 7 or 9. It must come from smallXX or largeXX variable

largeXX = 9

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Question 4 (10 marks)

Set up needed.

1 Create a table called EMPXX, using the data from your employees table.

2 Add a column called bonus.

3 run a procedure explained below

CREATE A PROCEDURE TO Calculate the total dollar sales of each employee (it will be the sales rep that you are looking at in customer table). We want to give a bonus to employees based on sales. As a sample output, here are the sales of the top 3 EMPLOYEES. There are about 30 sales reps altogether.

SALES\_REP LAST\_NAME SUM(OL.PRICE\*OL.QTY)

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4 Smertal 199802

180 de Man 187972

1 Flerjian 148554

Sales over 150,000 dollars get 4% bonus.

Between 50,000 to 150,000 get 2.5%.

Below 50,000 get 1%

Put the bonus earned into the bonus column.

Now display all the sales reps as follows

ID LAST\_NAME SALARY BONUS

4 Smertal 9300 4995

Etc….

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Question 5 (5 marks)

The answers must run as a script from beginning to end. And it needs to be demonstrated in a video.

You can use an ACCEPT or a pause between questions so that I can see the results of each question. The PAUSE looks like the one at the end of your original script from lab 00 or lab 01. Or the sample here.

PAUSE Question 1 is shown above ... Press enter each time

Put your group members names at the end of the video.

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