

Database Management Systems

Lab Assignment 7 (PL/SQL)

Write a PL/SQL program for below problem.

- 1. Find a given number is prime or not prime.*
- 2. A student wrote 6 exam in this semester and got marks also. Write a program to get all the marks and find the average mark for the student. (you can use maximum 2 variable)*
- 3. A human will be called child (age<10), youth (age is between 11 to 20), young (age is between 21 to 30), middle aged (age is between 31 to 45), old (age is more than 46), ask a person about his/her age and categorize them.*

Consider the given database schema for answering the questions.

You should write a PL/SQL block for each query

Sales_Person (SalesPersonNumber, SalesPersonName, CommPercentage, YearHire, OfficeNumber)

Customer (CustomerNumber, CustomerName, SalesPersonNumber, HeadQuarterCity)

Customer Employee (CustomerNumber, EmployeeNumber, EmployeeName, Title)

Product (ProductNumber, ProductName, UnitPrice, Status)

Sales (SID, SalesPersonNumber, ProductNumber, Quantity, Date)

Office (OfficeNumber, OfficeAddress, Telephone, Size)

- 1) Find the details of the sales_person for a given SalesPersonNumber,
- 2) Find the product got maximum sale in terms of price in year 2019.
- 3) Insert the details of a newly joined sales person.
- 4) Update the price of a particular product.
- 5) Find the sales person, who sold maximum quantity in January 2020.
- 6) Update the details of office as it got a new location.
- 7) Change the status of a product to unavailable.
- 8) Delete a sales person from the database, as he left the job.

Assignment submission link [click here](#)

Or copy the below link, paste it on browser. (You have to login by your vitap emailed to open this link)

[https://docs.google.com/forms/d/e/1FAIpQLSd88Zk8Y34iA_hTPXmzg9iJmL0OB2L7xA6_Vy_A7KBT2aEs4w/vi
ewform](https://docs.google.com/forms/d/e/1FAIpQLSd88Zk8Y34iA_hTPXmzg9iJmL0OB2L7xA6_Vy_A7KBT2aEs4w/vi
ewform)