

Database Technologies – Assignment 9

PL-SQL

1. Write a procedure that computes the perimeter and the area of a rectangle. Define your own values for the length and width.
(Assuming that L and W are the length and width of the rectangle, $\text{Perimeter} = 2*(L+W)$ and $\text{Area} = L*W$.)
2. Write a procedure that declares an integer variable called num, assigns a value to it, and computes and inserts into the temp table the value of the variable itself, its square, and its cube.
3. Create a procedure to Convert a temperature in Fahrenheit (F) to its equivalent in Celsius (C) and vice versa. The required formulae are:- $C = (F-32)*5/9$ $F = 9/5*C + 32$
4. Create a procedure to Convert a number of inches into yards, feet, and inches. For example, 124 inches equals 3 yards, 1 foot, and 4 inches.
5. Your block should read in two real numbers and tell whether the product of the two numbers is equal to or greater than 100.
6. Create a function that takes department ID and returns the name of the manager of the department.
7. Create a function that takes employee ID and return the number of jobs done by the employee in the past.
8. Create a procedure that takes department ID and changes the manager ID for the department to the employee in the department with lowest salary.