ASSIGNMENT 8

1. Create a function that:

   a. Increments given values by 1 and returns it.
   b. Returns cube of number
   c. Returns sum of 2 numbers.
   d. Returns true or false if numbers are divisible by 2.
   e. Average sum of numbers.
   f. Returns count of numbers.
   g. Checks some password for validity.
   h. Returns two outputs, but has one input.

2. Create a trigger that:
   a. Return timestamp of the occured action within the database.
   b. Computes the age of a person when persons' date of birth is inserted.
   c. Adds 12% tax on the price of the inserted item.
   d. Prevents deletion of any row from only one table.
   e. Launches functions 1.d and 1.e.

3. Create procedures that:
   a) Increases salary by 10% for every 2 years of work experience and provides 10% discount and after 5 years adds 1% to the discount.
   b) After reaching 40 years, increase salary by 15%. If work experience is more than 8 years, increase salary for 15% of the already increased value for work experience and provide a constant 20% discount.

Consider the following schema for the task4:

🔑 id INTEGER

⊞ name varchar

⊞ date_of_birth date

⊞ age INTEGER

⊞ salary INTEGER

⊞ workexperince INTEGER

⊞ discount INTEGER