

TY B.Tech. (CSE) – II [2024-25]

6CS371 : Advanced Database System Lab.

Assignment No. 2

I. MySQL / PSM Review :

- a) Create a table called test_table with 2 columns RecordNumber (type : Number(3)) and CurrentDate (type : Date)). Write a procedure in PSM which will insert 50 records into test_table. Insert the current date value into the table.
- b) Create a products table products(ProductID number(4),category char(3),detail varchar2(30),price number(10,2),stock number(5)). Insert the sample data.
Write PSM procedure with two arguments X & Y which will increase price by X% for all products in category Y. X and Y will be given by user.

II. Object Relational Databases:

- a) Create Object Table containing field “name” of size 50 characters and member function “countNoOfWords” which returns the no. of words in “name” field.
Demonstrate the working by entering different data.
- b) Create an address type with the following attributes : address, city, state & pincode. Include the following methods
 - i. to extract the addresses based on given keyword.
 - j. to return the no. of words in each given field (method should accept the name of attribute/field)
- c) Create a user defined data type course_Type with 2 attributes course_id, description :
 - i. Create an object table based on the type created.
 - j. Insert rows into the tableDemonstrate the working with different data sets

Note : Follow the submission guidelines.

Deadline : 26/01/2025

**Dr. B. F. Momin
Course Teacher**