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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Lecturer’s Title:** | Prof. | | **Name:** | Nodar | | | **Surname:** | | Momtselidze | | | |
|  | | | | | | | | | | | | |
| **Cycle:** | ☐B.A. ☒M.A. ☐Ph.D | | **Educational Program:** | | | Computer Science | | | | | | |
| **Academic Year:** | 2015-2016 | | **Instruction Language:** | | | ☒English ☐Georgian ☐Turkish | | | | **Date: 30.11.2015** | | |
| **Semester:** | ☒ Fall ☐Spring | | **Course Name:** | | | Advanced Database | | | | **Duration (min.): 60** | | **Group: 1** |
| **Course Code:** |  | | **Type:**☐Quiz ☒Midterm ☐Final ☐Excuse ☐Make-up ☐Proficiency | | | | | | | | | |
|  | | | | | | | | | | | | |
| **Student’s ID №:** | |  | **Full Name:** | |  | | | **Signature:** | | |  | |

Create Logical and Physical schemas.

Generate DDL for Oracle 11 and copy to the Wordpad page with your name.

This is a widely-used Basic Data Warehouse showing the most common four Dimensions :-

Customer

Date

Geography

Product

and Fact table

Customer{customer\_id, customer\_name, customer\_address, other\_details}

Date{day\_number, day\_date, week\_number, month\_number,year\_number}

Geography{geographic\_area, geographic\_area\_name, region, country, other\_region\_details}

Product{product\_code, product\_name, product\_description, other\_product\_details}

Fact{fact\_id, (needed Foreign keys), sales\_amount, sales\_volume, other\_sales\_details}

-- first fields are primary keys!!!

-- In Fact you have to add needed foreign keys.