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| Department of Software Engineering  Mehran University of Engineering and Technology, Jamshoro |

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| Course: SWE324 - Data Warehousing and Data Mining | | | |
| Instructor | Rabeea Jaffari | **Practical/Lab No.** | 04 |
| Date |  | **CLOs** | CLO-4: P3 & P4 |
| Signature |  | **Assessment Score** | 1 Mark |

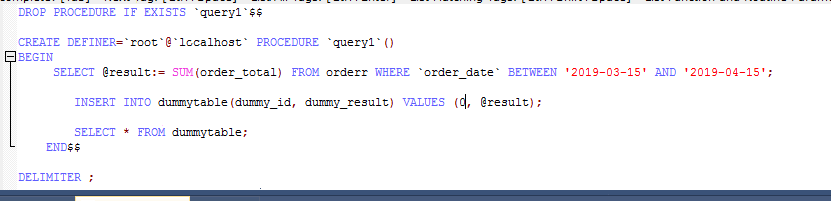
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| Topic | To familiar with OLTP system reporting |
| Objectives | * To learn report generation in OLTP systems |

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| Lab Discussion: Theoretical concepts and Procedural steps | |
| Lab Tasks | |
| Submission Date: 23-04-19 | |

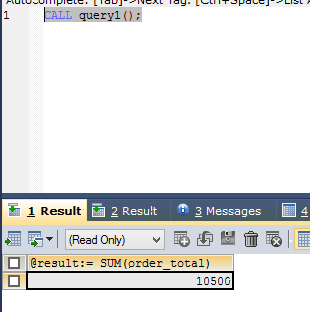
Generate an OLTP system report which displays the following results:

1. **Total sales in a month** (Use only order table).

**STORED PROCEDURE:**

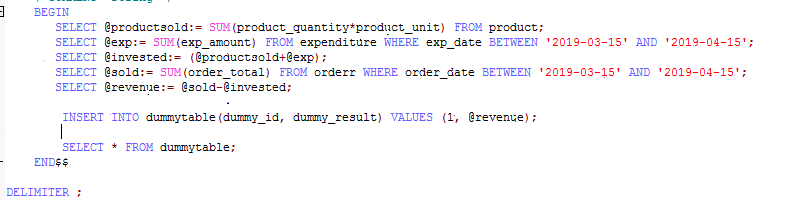


**RESULT:**

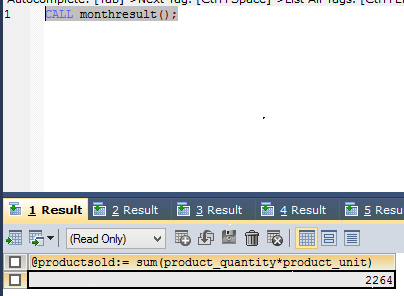


1. **Profit/loss in a month** (Use product (to account for purchasing costs), expenditure as well as order tables).

**STORED PROCEDURE:**

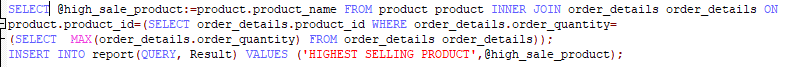


**RESULT:**



1. **Highest selling product of the month** (By highest sold quantity)

**STORED PROCEDURE:**

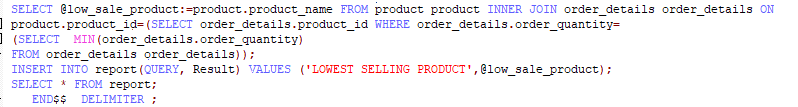


**RESULT:**



1. **Lowest selling product of the month** (By lowest sold quantity)

**STORED PROCEDURE:**



**RESULT:**



**Hint:** Create a report table to hold all the above results from queries after they are executed in the stored procedure and then create a stored procedure in the similar manner as shown above.