University of Central Punjab   
(Incorporated by Ordinance No. XXIV of 2002 promulgated by Government of the Punjab)

FACULTY OF INFORMATION TECHNOLOGY

Introduction to Database System

Lab 11

Spring-20

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| **Task 1** |

Display name of all customers with their respective total order count whose payment\_type is ‘Cash’. Don’t display customer if its total order count is zero. **[Use Co-related sub query. No Join/cross product is allowed].**

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| **Task 2** |

Display order id, order date, order status name of all those orders which contain at least 3 different products. **[Use Co-related sub query. No Join/cross product is allowed].**

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| **Task 3** |

Display Name of those employees who has privileges of ‘Purchase Approvals’ and lives in city ‘Redmond’ or ‘Bellevue’ or ‘Kirkland’. **[Use Nested query. No Join / cross product / Co-related sub query is allowed]**

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| **Task 4** |

Display name of all supplier’s cities name with total count of suppliers in each city.

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| **Task 5** |

Display Name of all products with total amount of all its purchased till now**. [Use Joins. No cross product / Co-related sub query / nested subquery is allowed.]**

**Hint:** You will use products and purchase\_order\_details table to solve this query.

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| **Task 6** |

Display name of all products categories with minimum, maximum, average and sum of list\_price of product belongs to it. **[You need to make one query that display all above values, not separate/individual query].**

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| **Task 7** |

Display name of those employee(s) who has sold maximum amount (bill)/sale of all orders.