**SQL Data Analysis Report for Music Database**

|  |  |  |
| --- | --- | --- |
| **EmployeeID** | **EmployeeName** | **Gender** |
| EM001 | Kikis Sabrina Mona | F |
| EM002 | Marlene Martani | F |

1. Top 2 of EmployeeID, EmployeeName, Gender where Gender is 'F'
2. MsEmployee table where the last digit of Phone is a multiple of 5 and salary is greater than 4000000

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **EmployeeID** | **EmployeeName** | **Address** | **Phone** | **Gender** | **DateOfBirth** | **Salary** | **BranchID** |
| EM006 | Sofian Chandra | Jl. Putar-Putar No. 12 | 021-8763445 | M | 11/12/1987 00:00 | 550000000 | BR005 |
| EM007 | William Salim | Jl. Pusing-Pusing No. 76 | 022-4859345 | M | 14/08/1987 00:00 | 549000000 | BR005 |

1. Display View view\_1 for MsMusicIns Data with Price and Start Word 'Yamaha' Filters”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MusicInsID** | **MusicIns** | **Price** | **Stock** | **MusicInsTypeID** |
| MI002 | Yamaha KX-5000 | 595000000 | 12 | MT005 |

1. Generating BranchEmployee with Modified EmployeeName and Word Count Filter

|  |
| --- |
| **BranchEmployee** |
| BR001 Sabrina Mona |
| BR001 Mareta Cahya |

1. Extracting Brand, Formatted Price, Stock, and Instrument Type from MsMusicIns

|  |  |  |  |
| --- | --- | --- | --- |
| **Brand** | **Price** | **Stock** | **MusicInsType** |
| Yamaha | Rp. 1150000.00 | 23 | Guitar |
| Yamaha | Rp. 1250000.00 | 10 | Guitar |
| Supernova | Rp. 4510000.00 | 56 | Violin |
| Excellent | Rp. 25700000.00 | 17 | Piano |
| Yamaha | Rp. 49750000.00 | 12 | Piano |
| Pearl | Rp. 9570000.00 | 26 | Drum |
| Yamaha | Rp. 5950000.00 | 12 | Keyboard |
| Board | Rp. 5650000.00 | 30 | Keyboard |

1. Displaying Employee Details and Customer Information with Gender and Name Filters

|  |  |  |  |
| --- | --- | --- | --- |
| **EmployeeName** | **EmployeeGender** | **TransactionDate** | **CustomerName** |
| William Wijaya | Male | 15/10/2010 | Richard Parker |
| William Salim | Male | 02/01/2010 | Michael J. |
| Sofian Chandra | Male | 27/12/2010 | Stephanie Meyer |
| Rakhmat Suryahadi | Male | 02/10/2010 | Veronica |
| Rakhmat Suryahadi | Male | 25/11/2010 | Michelle Regina |

1. Display EmployeeID, EmployeeName, DateofBirth in the format dd mm yyyy, CustomerName, Transactiondate where DateOfBirth is the month 'December' and TransactionDate is the date 16

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EmployeeID** | **EmployeeName** | **DateOfBirth** | **CustomerName** | **TransactionDate** |
| EM005 | Lisye Mareta Cahya | 12/12/1986 | Steven Michael | 16/10/2010 |

1. Display

|  |  |
| --- | --- |
| **BranchName** | **EmployeeName** |
| Cabang Adil | William Wijaya |

1. Procedure for search

|  |  |  |  |
| --- | --- | --- | --- |
| **EmployeeName** | **Address** | **Phone** | **Gender** |
| Marlene Martani | Jl. Gajebo No. 32 | 022-5675542 | F |
| Rakhmat Suryahadi | Gang Gansing No. 19 | 021-3451232 | M |
| Suhandi | Jl. Pintu Lima No. 5 | 022-4519377 | M |
| Lisye Mareta Cahya | Jl. Gang Medan Merdeka No. 25 | 021-9798123 | F |

1. Procedure for

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CustomerName** | **EmployeeName** | **BranchName** | **MusicIns** | **Price** |
| Veronica | Rakhmat Suryahadi | Cabang Sejahtera | Yamaha CX-40 | 115000000 |
| Veronica | Rakhmat Suryahadi | Cabang Sejahtera | Excellent P-77 | 2570000000 |

1. Proc

|  |  |
| --- | --- |
| **JumlahTransaksi** | **EmployeeName** |
| 2 | Rakhmat Suryahadi |
| 1 | William Wijaya |
| 1 | Lisye Mareta Cahya |
| 1 | Suhandi |
| 2 | Kikis Sabrina Mona |
| 1 | Sofian Chandra |
| 1 | William Salim |
| 1 | Marlene Martani |

1. Dsg

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MusicInsID** | **MusicIns** | **Price** | **Stock** | **MusicInsTypeID** |
| MI001 | Yamaha CX-40 | 115000000 | 23 | MT001 |
| MI002 | Yamaha KX-5000 | 595000000 | 12 | MT005 |
| MI003 | Yamaha C-390 | 125000000 | 10 | MT001 |
| MI004 | Excellent P-77 | 2570000000 | 17 | MT003 |
| MI005 | Board B-123 | 565000000 | 30 | MT005 |
| MI006 | Pearl Q-300 | 957000000 | 26 | MT004 |
| MI007 | Supernova X-23 | 451000000 | 56 | MT002 |
| MI008 | Yamaha Grand X-1 | 4975000000 | 12 | MT003 |

|  |  |
| --- | --- |
| **MusicInsType** | **Qty** |
| Guitar | 5 |
| Drum | 5 |
| Keyboard | 3 |
| Piano | 3 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EmployeeName** | **Address** | **Phone** | **DateOfBirth** | **BranchName** |
| Rakhmat Suryahadi | Gang Gansing No. 19 | 021-3451232 | 30/01/1988 | Cabang Sejahtera |