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| | DATABASE SELTION 06 - Lab Exercises SQL 3 |
| | Nane : Mohamad Asofii bin Abd Majid |
| | Matric Numbers: B23CSO044 |
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| × | EXEKLISE 1 |
| ー | Part 1: Retrieving all columns from a table |
| | |
| 1. | Customers |
| | SELECT * FROM CUSTOMERS; |
| | |
| 2. | Teams |
| | SELECT * FROM TEAMS; |
| | The is not soft the impliced it the system to the so only |
| 3. | Items |
| | SELECT * FROM ITEMS; |
| | - 1 1 2 Vising Chain affices |
| | |
| -> | Part 2: Selecting Specific Columns |
| | A STATE OF THE STA |
| ~ l. | SELECT ctr-number, first_name, last_name, email, phone_number FROM |
| | CUSTOMERS; |
| | |
| 2. | SELECT name, number of players FROM TEAMS |
| | |
| 3. | SELECT name, description, category FROM ITEMS; |
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| | PARAMETER WAR WILLIAM STREET |
| × | EXERIISE 2 LATIN A MANAGEMENT OF THE PARTY O |
| 7 | Part 1: +5 Using Arithmetic Operators |
| | |
| ι. | SELECT first-name, last-name, att-number, current-balance, |
| | eussent-balance / 12 As nonthly-payment FROM CUSTOMERS |
| | |
| 2. | # SELECT first-name, last-name, etr-number, current-balance, |
| | current - halonce - 5.00 AS after - discount |
| | FROM CUSTOMERS |
| | |
| 3. | There will be a negative value for after reduce the current balance. This is not suitable to implement into the system since the value is invalid |
| | This is not suitable to implement into the system since the value is |
| | invalid |
| | THE WAY THE |
| 一) | Part 2: Using Lolumn Aliases |
| | |
| 1, | SELECT fics_name AS "First Name", last name AS "Last Name", |
| | current-balance AS "Balance", current-balance / 12 As |
| 1 | Monthly Repayments" |
| | FROM CUSTOMERS; |
| -) | 0 1 2 . 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| -) | Part 3: Using Literal Character Strings |
| 1. | SELECT The 'll name Il' team has 'll number-of-players ll |
| · · | |
| | As "Tean Information" |
| | FROM TEAMS; |
| | FRY TENIS) |
| 2 | Kanner He day to sheet in well |
| | Because the discount value is null |
| | |

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| × | EXERCISE 3 WARD MITTING THE PARTY OF THE PAR |
| 7 | Part 1: Using the LHERE Clause |
| Į. | Part 1: Using the WHERE Clouse SELECT * FROM CUSTOMERS WHERE ctr-number = c01986'; |
| | A STATE OF THE STA |
| 2. | SELECT first name As "First Name", lastunare As "Last Name", |
| | etr_number AS "Custorer Number" |
| | FROM (USTOMERS |
| | WHERE current-balance > 100 is 1111 |
| | |
| 7. | SFLECT id As "Order ID", odr-date As "Order Date", |
| | ook time As "Order Time" |
| | FROM ORDERS |
| | WHERE odr-date < TO_DATE ('28-MAY-19'); |
| | - Test of The Markey Conting to Mand the Man for will the |
| -> | Part 2: Range Conditions: BETWEEN Operator |
| | |
| I, | SELECT id AS "Inventory ID", cost As "Cost", |
| | units As "Number Of Units" |
| -6- | FROM INVENTORY_LIST |
| 7 | WHERE LOST BETWEEN 3.00 AND 15.00; |
| <i>–</i>) | 0 1 2 · m 1 1 · a u . To |
| | Part 3: Membership Conditions: IN operator |
| 1. | CLILLE I TO "T I TO" , MC ", I" |
| | SELECT id AS "Inventory ID", cost AS "Cost", units AS "Number Of Units" |
| | FROM INVENTORY_LIST |
| | WHERE units IN(50, 100, 150, 200); |
| | WILKE WHIT LINESO, 100, 150, 2001) |
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| - 3 | |
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| -) | Part 4: Membership Conditions: NOT IN Operator |
| | The same of the sa |
| 1. | SELECT id AS "Inventory ID", cost As "Cost", |
| | SELECT id AS "Inventory ID", cost AS "Cost", units AS "Number Of Units" |
| | FROM INVENTORY_LIST |
| 11 | WHERE units NOT IN(50, 100, 150, 200); |
| | |
| - > | Part 5: Pattern Matching : LIKE Operator |
| | |
| 1. | SELECT itn_number AS "Item Number", name AS "Name" |
| | FROM ITEMS |
| | WHERE name LIKE gh'; |
| | Chief and the first of the firs |
| -) | Port 6: Pattern Matching: Combining Wildrard ## Characters with the |
| | ITKE Done to |
| | THE OPERIOR OF THE PARTY OF THE PROPERTY OF TH |
| | ZINI OPERATOR WAS A STATE OF THE STATE OF TH |
| | |
| | |
| | SELECT itm: number AS "Item Number", more AS "Name" |
| | SELECT itm: number AS "Item Number", name AS "Name" FROM ITEMS |
| | SELECT itm: number AS "Item Number", name AS "Name" FROM ITEMS |
| | SELECT itm: number AS "Item Number", name AS "Name" FROM ITEMS |
| | SELECT itm: number AS "Item Number", name AS "Name" FROM ITEMS WHERE name LIKE 1.0%; |
| | SELECT itm: number AS "Item Number", name AS "Name" FROM ITEMS WHERE name LIKE 1.0%; |
| | SELECT itm: number AS "Item Number", mare AS "Name" FROM ITEMS WHERE name LIKE 1.0%; |
| | SELECT itm: number AS "Item Number", nave AS "Name" FROM ITEMS WHERE name LIKE 100%; |
| | SELECT itm: number AS "Item Number", mare AS "Name" FROM ITEMS WHERE name LIKE 1.0%; |
| | SELECT itm: number AS "Item Number", nave AS "Name" FROM ITEMS WHERE name LIKE 100%; |
| | SELECT itm: number AS "Item Number", mare AS "Name" FROM ITEMS WHERE name LIKE 1.0%; |

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| -) | Part 4: Logical Operators: NOT Equal To |
| | The state of the s |
| 1- | SELECT etr-number As "Costomer Number", address_lino_1 As "Stree |
| 1 | Address", zip-code AS "Postal Code" |
| | FROM CUSTOMERS_ ADDRESSES |
| | WHERE city (> 'Liverpool'; |
| | |
| | |
| * | EXERCISE 5 |
| \ /[. | SELECT name As "Team Nore", number_of-players As "Number |
| 1.19 | of Players" |
| | FROM TEAMS |
| | ORDER BY name; |
| | |
| 2. | TELECT THE 113 TENT THE THE PLAYERS AS |
| | Of Players" |
| | FROM TEAMS |
| · | ORDER BY number of players DESC; |
| 1417 | MEST OF THE PROPERTY OF THE PARTY OF THE PAR |
| 3. | SELECT name AS "Team Nome", number-of-players AS "Players" |
| | FROM TEAMS |
| | ORDER BY "Team Name" DESC; |
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| | Maria Ma |
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| EXERCISE 6 Part 1: TOP-N-ANALYSIS |
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| 11 + 101 (111/1/2) |
| |
| SELECT first_name 11 ' 11 last-name As "Customer Name" |
| FROM CUSTOMERS |
| FETCH FIRST 3 ROWS ONLY |
| Part 2: Using a Substitution Variable |
| ALCEPT commission NUMBER PROMPT Enter the commission rate: |
| SELECT first_name AS "First Name", last-name AS "Last Name" |
| FROM SALES_REPRESENTATIVES |
| WHERE commission_rate = & commission |
| CRUER BY lest-name; |
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