

SESSION 2023/2024 SEMESTER 1

SECD2523 - DATABASE

Lab Exercise 4

Name: Navindran A/L Raghupathy

Matric No.: A22EC0227

Section: 02

Date: 21/12/2023

Lecturer: Dr. Izyan Izzati binti Kamsani

| | Subject: |
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| | Lob 4 |
| | |
| | Port 1 |
| | |
| | SE(E(T * |
| | From sales_representatives NATURAL JOIN sales_rep_addresses; |
| 2 | |
| | STEEL TO THE TOTAL TIDING , MICHEST THE T |
| | address line -), city, email in phone number |
| | FROM sales representatives NATURAL JOIN sales rep-oddresses Using (id); |
| 0, | 26(6(3):) |
| 3 | SECECT id, first_name, last_name, address_line_1, address_line_2, |
| - | city, email, phone-number |
| | From sales representatives Juin sales rep-oddresses |
| 4 | SELECT * |
| | |
| | USING (itm number); |
| | USTAIN OR (THE NUMBER) |
| 5 | SFLECT c-ctc number As "Customer Number", c-first name As |
| | "Customer First None", C-lost none As "Constance Last Nome", will |
| | (phone number As " (ustomer phone number", c-email As |
| | "(ustomer Email", s-id As "Salesman ID", s-liest-name As |
| | " & Sulesmon First Name", s-last name As " Salesmon Last Name", |
| | s-email as " salesmon Email" |
| | FROM customers a Join sales representatives s |
| ur A | ON ((.sre.id = s.id); |
| to a | |
| C | SFLECT c. ctc number As " Customer Number", KYANY C. first name As |
| | " Customer First Nome", c. lost-name As "Customer Lost Nome" |
| | (phone number as " (ustomer phase number", comail As " (ustomer |
| | Emoil", s. id As "solesman 10", s. first name As "satesman first |
| Tribe Live | None", s. lost name As "Sales man Lost Name", s. email As "Salesman |
| | Enail", 1-none 11 "Team None" From customers (JOIN a |
| | sutes representatives s ON (c. sre_id = s.id) |
| | Join leans 1 |
| | on cc.tem_id = L.id); |

| | Subject: | No : |
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| | | |
| 7 | SFIFET (-ctr_number As " (ustomer Number", "(ustomer first Name", c-last nore As "(ustomer c-phone number As "(ustomer Phone Number", c- Email", s-id As "Salesman ID", s-first nore A) s-last nore As "Salesman last Name", s-email t-nare As "Team Name" From customers (Join sales representatives s ON (c-sre id = s-id) Join teams t ON (c-tem_id = t-id) | email As "(ustomer "Salesman Firs) Nome" |
| | WHERE (-(tr_number = \('(0000)'); | |
| 8 | SELECT 'The cost of the 'llinome Il' on this day As "Price Octails" FROM items i John price history p ON i itm number = p. itm number WHERE itm number = 'imalialays' AND TO DATE ('12-Dec-2016', 'DD-Mon-4444') BETW p.end date; | |
| | | |
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| | No: |
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| | Subject: |
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| | Port 2 |
| | |
| 1 | SFLECT repificit name 11 ' 11 cepilost name as "Rep", |
| | sup-first-name 11 ' 11 sup-last-name As " supervisor" |
| | FROM sales - representatives rep JOIN soles representatives sup |
| | i (pi. que = bi- recivisque que proportion id = rup. id); |
| P VEHICLE | |
| 2 | SELECT * |
| | FROM teams LEFT DUTER JOIN customers |
| | on cid = tem-id); |
| -0 | |
| 3 | SELECT X |
| | FROM customers |
| | causs Join sales representatives |
| | |
| | |
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LAB 4

Part 1:

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| | ♦ FIRST_NAME | | ♦ PHONE_NUMBER | ♦ COMMISSION_RATE ♦ SU | UPERVISOR_ID | ADDRESS_LINE_1 | ADDRESS_LINE_2 | | |
|------------------------|--------------|---------|----------------|------------------------|--------------|----------------|----------------|---------|---------|
| 1 sr01 chray@obl.com | Charles | Raymond | 0134598761 | 10 sr01 | 1 12 | Cherry Lane | Denton | Detroit | DT48211 |
| 2 sr02 vwright@obl.com | Victoria | Wright | 0134598762 | 5 sr01 | 1 87 | Blossom Hill | Uptown | Detroit | DT52314 |
| 3 sr03 bspeed@obl.com | Barry | Speed | 0134598763 | 5 sr01 | 1 12 | Junction Row | Skinflats | Detroit | DT52564 |

2.0

| | ∯ ID | ♦ FIRST_NAME | LAST_NAME | | ADDRESS_LINE_2 | ⊕ CITY | | PHONE_NUMBER |
|---|------|--------------|-----------|-----------------|----------------|---------------|-----------------|--------------|
| 1 | sr01 | Charles | Raymond | 12 Cherry Lane | Denton | Detroit | chray@obl.com | 0134598761 |
| 2 | sr02 | Victoria | Wright | 87 Blossom Hill | Uptown | Detroit | vwright@obl.com | 0134598762 |
| 3 | sr03 | Barry | Speed | 12 Junction Row | Skinflats | Detroit | bspeed@obl.com | 0134598763 |

3.0

| | ∯ ID | | ↓ LAST_NAME | \$ A | ADDRESS_LINE_1 | ↑ ADDRESS_LINE_2 | CITY | ⊕ EMAIL | PHONE_NUMBER |
|---|------|----------|-------------|------|----------------|------------------|---------|-----------------|--------------|
| 1 | sr01 | Charles | Raymond | 12 | Cherry Lane | Denton | Detroit | chray@obl.com | 0134598761 |
| 2 | sr02 | Victoria | Wright | 87 | Blossom Hill | Uptown | Detroit | vwright@obl.com | 0134598762 |
| 3 | sr03 | Barry | Speed | 12 | Junction Row | Skinflats | Detroit | bspeed@obl.com | 0134598763 |

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| | NAME | DESCRIPTION ■ | ♦ CATEGORY | ♦ COLOR | Size | ∯ ILT_ID | START_DATE | START_TIME | PRICE | € END_DATE | ♦ END_TIME |
|--------------|-------------|-----------------------------|-------------------|----------------|--------|-------------|------------|------------|-------|------------|------------|
| 1 im01101044 | gloves | catcher mitt | clothing | brown | m | i1010230124 | 17-JUN-17 | 17-JUN-16 | 4.99 | (null) | (null) |
| 2 im01101045 | under shirt | top worn under the game top | clothing | white | s | i1010230125 | 25-NOV-16 | 25-NOV-16 | 14.99 | 25-JAN-17 | 25-JAN-17 |
| 3 im01101045 | under shirt | top worn under the game top | clothing | white | s | i1010230125 | 25-JAN-17 | 25-JAN-17 | 8.99 | 25-JAN-17 | 25-JAN-17 |
| 4 im01101045 | under shirt | top worn under the game top | clothing | white | S | i1010230125 | 26-JAN-17 | 26-JAN-17 | 15.99 | (null) | (null) |
| 5 im01101046 | socks | team socks with emblem | clothing | range | 1 | i1010230126 | 12-FEB-17 | 12-FEB-17 | 7.99 | (null) | (null) |
| 6 im01101047 | game top | team shirt with emblem | clothing | range | m | i1010230127 | 25-APR-17 | 25-APR-17 | 24.99 | (null) | (null) |
| 7 im01101048 | premium bat | high quaity basball bat | equipment | (null) | (null) | i1010230128 | 31-MAY-17 | 31-MAY-17 | 149 | 09-NOV-23 | 09-NOV-23 |
| 8 im01101048 | premium bat | high quaity basball bat | equipment | (null) | (null) | i1010230128 | 09-NOV-23 | 09-NOV-23 | 99.99 | 09-NOV-23 | 09-NOV-23 |

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| \$ | Customer number | Custoemr First Name | Customer Last Name | Customer Phone Number | Customer Emsil | ∯ Salesman ID | | Salesman Last Name | Salesman Email |
|------|-----------------|---------------------|--------------------|-----------------------|-----------------------------|---------------|---------|--------------------|----------------|
| 1 c0 | 00001 | Robert | Thornberry | 01234567898 | bob.thornberry@heatmail.com | sr01 | Charles | Raymond | chray@obl.com |
| 2 c0 | 00101 | John | Doe | 03216547808 | unknown@here.com | sr01 | Charles | Raymond | chray@obl.com |
| 3 c0 | 1986 | Maria | Galant | 01442736589 | margal87@delphiview.com | sr03 | Barry | Speed | bspeed@obl.com |

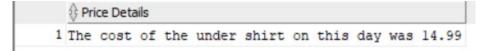
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| | Customer number | Custoemr First Name | ♦ Customer Last Name | Customer Phone Number | | Salesman ID | | | Salesman Email | |
|---|-----------------|---------------------|----------------------|-----------------------|-----------------------------|-------------|---------|---------|----------------|---------|
| 1 | c00001 | Robert | Thornberry | 01234567898 | bob.thornberry@heatmail.com | sr01 | Charles | Raymond | chray@obl.com | Rockets |
| 2 | c00101 | John | Doe | 03216547808 | unknown@here.com | sr01 | Charles | Raymond | chray@obl.com | Celtics |
| 3 | c01986 | Maria | Galant | 01442736589 | margal87@delphiview.com | sr03 | Barry | Speed | bspeed@obl.com | Rovers |

7.0

| Customer number | Custoemr First Name | Customer Last Name | Customer Phone Number | ∯ Customer Emsil | ∯ Salesman ID | | ♦ Salesman Last Name | ♦ Salesman Email | ♦ Team Name |
|-----------------|---------------------|--------------------|-----------------------|-----------------------------|---------------|---------|----------------------|------------------|--------------------|
| 1 c00001 | Robert | Thornberry | 01234567898 | bob.thornberry@heatmail.com | sr01 | Charles | Raymond | chray@obl.com | Rockets |

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Part 2:

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| | ∯ Rep | |
|---|-----------------|-----------------|
| 1 | Charles Raymond | Charles Raymond |
| 2 | Victoria Wright | Charles Raymond |
| 3 | Barry Speed | Charles Raymond |

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| ∯ ID ∯ NAME | NUMBER_OF_PLAYERS | DISCOUNT CTR_NUMBE | R () EMAIL | ♦ FIRST_NAME | & LAST_NAME | PHONE_NUMBER | CURRENT_BALANCE | SRE_ID | ∯ TEM_ID | LOYALTY_CARD_NUMBER |
|----------------|-------------------|----------------------|-----------------------------|--------------|-------------|--------------|-----------------|--------|----------|---------------------|
| 1 t001 Rockets | 25 | 10 c00001 | bob.thornberry@heatmail.com | Robert | Thornberry | 01234567898 | 150 s | r01 | t001 | (null) |
| 2 t002 Celtics | 42 | 20 c00101 | unknown@here.com | John | Doe | 03216547808 | 987.5 s | r01 | t002 | (null) |
| 3 t003 Rovers | 8 | (null) c01986 | margal87@delphiview.com | Maria | Galant | 01442736589 | 125.65 s | r03 | t003 | (null) |
| 4 t004 Jets | 10 | 5 (null) | (null) | (null) | (null) | (null) | (null) (| null) | (null) | (null) |

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| CTR_NUMBER | ⊕ EMAIL | | \$ LAST_NAME | PHONE_NUMBER | CURRENT_BALANCE SRE_ID | TEM_ID | \$LOYALTY_CARD_NUMBER | ∯ ID | EMAIL_1 | FIRST_NAME_1 | \$\text{LAST_NAME_1} | PHONE_NUMBER_1 | COMMISSION_RATE SUPERVISOR_ |
|------------|----------------------------|----------|--------------|--------------|------------------------|--------|-----------------------|------|-----------------|--------------|----------------------|----------------|-----------------------------|
| 00001 | bob.thornberry@heatmail.co | onRobert | Thornberry | 01234567898 | 150 sr01 | t001 | (null) | sr01 | chray@obl.com | Charles | Raymond | 0134598761 | 10 sr01 |
| 00012 | Jjones@freemail.com | Jennifer | Jones | 01505214598 | 0 (null) | (null) | 1c1015 | sr01 | chray@obl.com | Charles | Raymond | 0134598761 | 10 sr01 |
| :00101 | unknown@here.com | John | Doe | 03216547808 | 987.5sr01 | t002 | (null) | sr01 | chray@obl.com | Charles | Raymond | 0134598761 | 10 sr01 |
| 00103 | MurciaA@globaltech.com | Andrew | Murcia | 07715246890 | 85 (null) | (null) | 1c2341 | sr01 | chray@obl.com | Charles | Raymond | 0134598761 | 10 sr01 |
| 01986 | margal87@delphiview.com | Maria | Galant | 01442736589 | 125.65 sr03 | t003 | (null) | sr01 | chray@obl.com | Charles | Raymond | 0134598761 | 10 sr01 |
| 02001 | brianrog@hootech.com | Brian | ROGERS | 01654564898 | 50 (null) | (null) | 1c4587 | sr01 | chray@obl.com | Charles | Raymond | 0134598761 | 10 sr01 |
| :00001 | bob.thornberry@heatmail.c | onRobert | Thornberry | 01234567898 | 150 sr01 | t001 | (null) | sr02 | vwright@obl.com | Victoria | Wright | 0134598762 | 5 sr01 |
| :00012 | Jjones@freemail.com | Jennifer | Jones | 01505214598 | 0 (null) | (null) | 1c1015 | sr02 | vwright@obl.com | Victoria | Wright | 0134598762 | 5 sr01 |
| 00101 | unknown@here.com | John | Doe | 03216547808 | 987.5sr01 | t002 | (null) | sr02 | vwright@obl.com | Victoria | Wright | 0134598762 | 5 sr01 |
| :00103 | MurciaA@globaltech.com | Andrew | Murcia | 07715246890 | 85 (null) | (null) | 1c2341 | sr02 | vwright@obl.com | Victoria | Wright | 0134598762 | 5 sr01 |
| :01986 | margal87@delphiview.com | Maria | Galant | 01442736589 | 125.65 sr03 | t003 | (null) | sr02 | vwright@obl.com | Victoria | Wright | 0134598762 | 5 sr01 |
| :02001 | brianrog@hootech.com | Brian | ROGERS | 01654564898 | 50 (null) | (null) | 1c4587 | sr02 | vwright@obl.com | Victoria | Wright | 0134598762 | 5 sr01 |
| :00001 | bob.thornberry@heatmail.c | onRobert | Thornberry | 01234567898 | 150 sr01 | t001 | (null) | sr03 | bspeed@obl.com | Barry | Speed | 0134598763 | 5 sr01 |
| :00012 | Jjones@freemail.com | Jennifer | Jones | 01505214598 | 0 (null) | (null) | 1c1015 | sr03 | bspeed@obl.com | Barry | Speed | 0134598763 | 5 sr01 |
| :00101 | unknown@here.com | John | Doe | 03216547808 | 987.5sr01 | t002 | (null) | sr03 | bspeed@obl.com | Barry | Speed | 0134598763 | 5 sr01 |
| :00103 | MurciaA@globaltech.com | Andrew | Murcia | 07715246890 | 85 (null) | (null) | 1c2341 | sr03 | bspeed@obl.com | Barry | Speed | 0134598763 | 5 sr01 |
| 01986 | margal87@delphiview.com | Maria | Galant | 01442736589 | 125.65 sr03 | t003 | (null) | sr03 | bspeed@obl.com | Barry | Speed | 0134598763 | 5 sr01 |
| :02001 | brianrog@hootech.com | Brian | ROGERS | 01654564898 | 50 (null) | (null) | 1c4587 | sr03 | bspeed@obl.com | Barry | Speed | 0134598763 | 5 sr01 |