

/\*Below query selects the required columsn from Product\_GL table and Franchise column is derived from Mnfctr\_Legal\_Entity\_Cd based on the starting letter of the Code\*/

SELECT PROD\_ID, LEGAL\_ENTITY\_CODE,PROD\_NAME,PROD\_EFFECTIVE\_DATE,

CASE

WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘B%’ THEN ‘Bank Of Scotland’

WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘I%’ THEN ‘General Insurance’

WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘S%’ THEN ‘Scottish Widows’

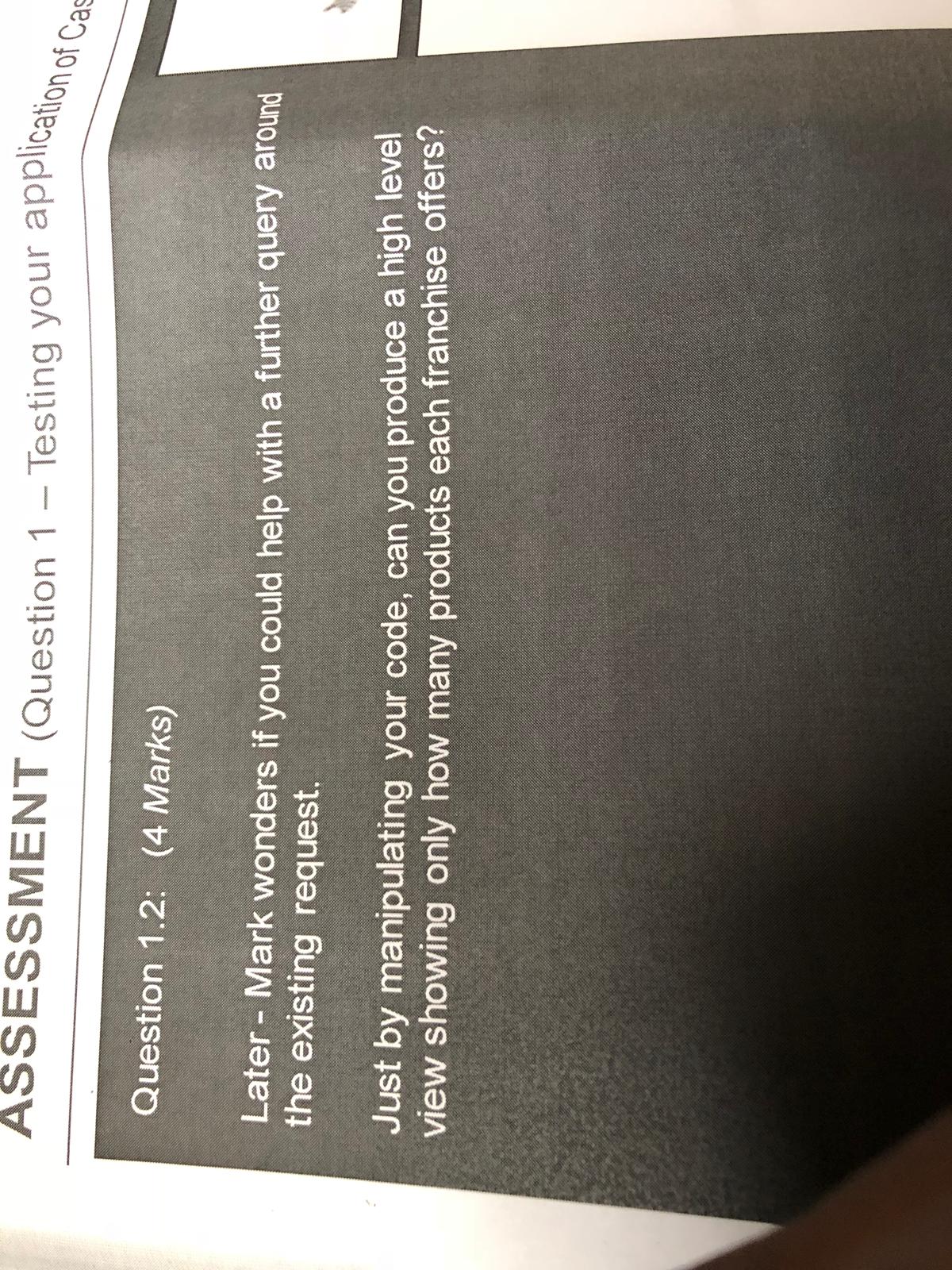
WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘H%’ THEN ‘Halifax’

WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘L%’ THEN ‘Lloyds’

ELSE ‘Other’

END AS FRANCHISE

FROM PRODUCT\_GL



SELECT CASE

WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘B%’ THEN ‘Bank Of Scotland’

WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘I%’ THEN ‘General Insurance’

WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘S%’ THEN ‘Scottish Widows’

WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘H%’ THEN ‘Halifax’

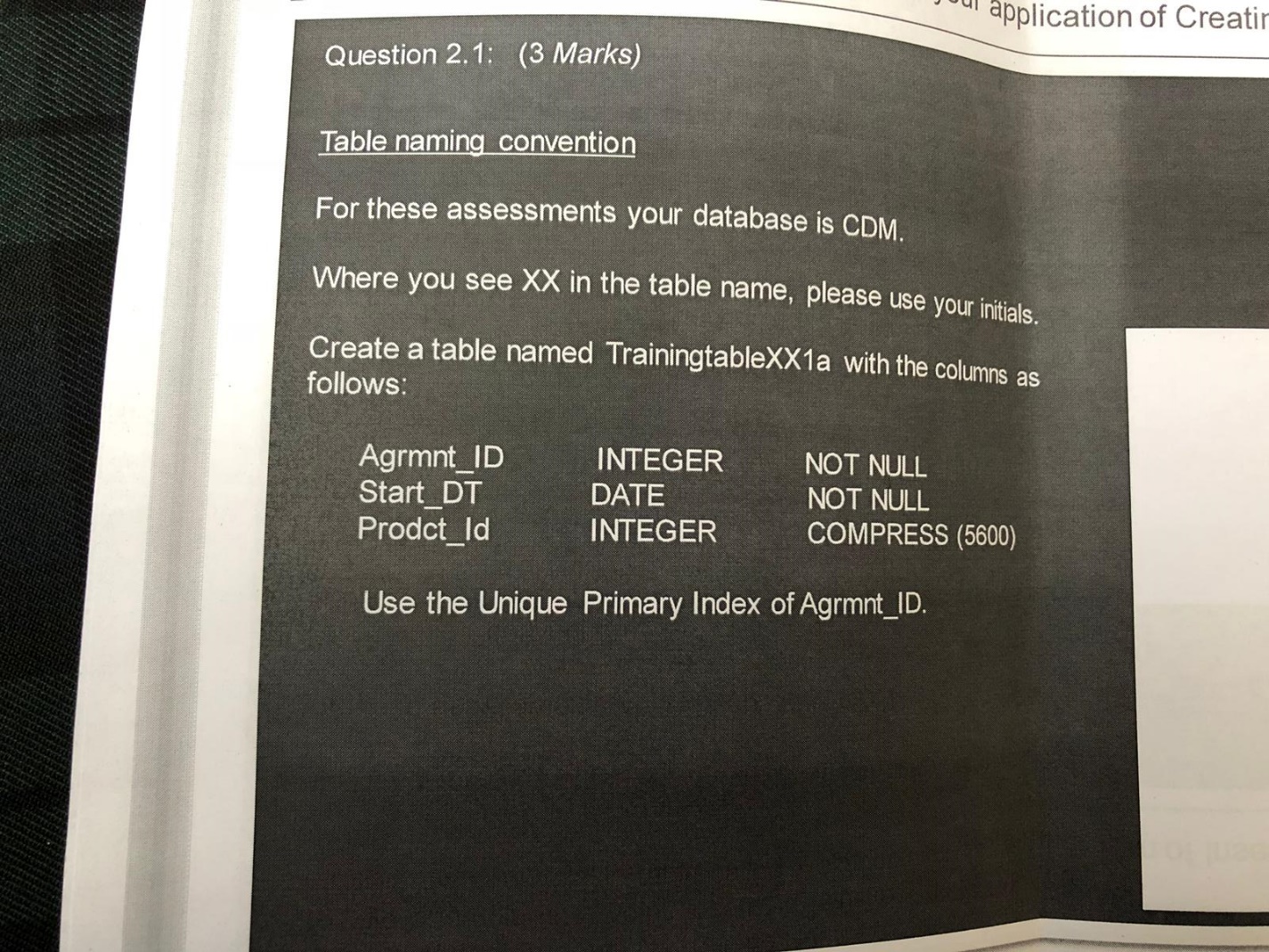
WHEN MNFCTR\_LEGAL\_ENTITY\_CD LIKE ‘L%’ THEN ‘Lloyds’

ELSE ‘Other’

END AS FRANCHISE, COUNT(\*) AS NUM\_OF\_PRODUCTS

FROM PRODUCT\_GL

GROUP BY FRANCHISE



CREATE SET TABLE CDM.TrainingtableEO1a, FALLBACK (

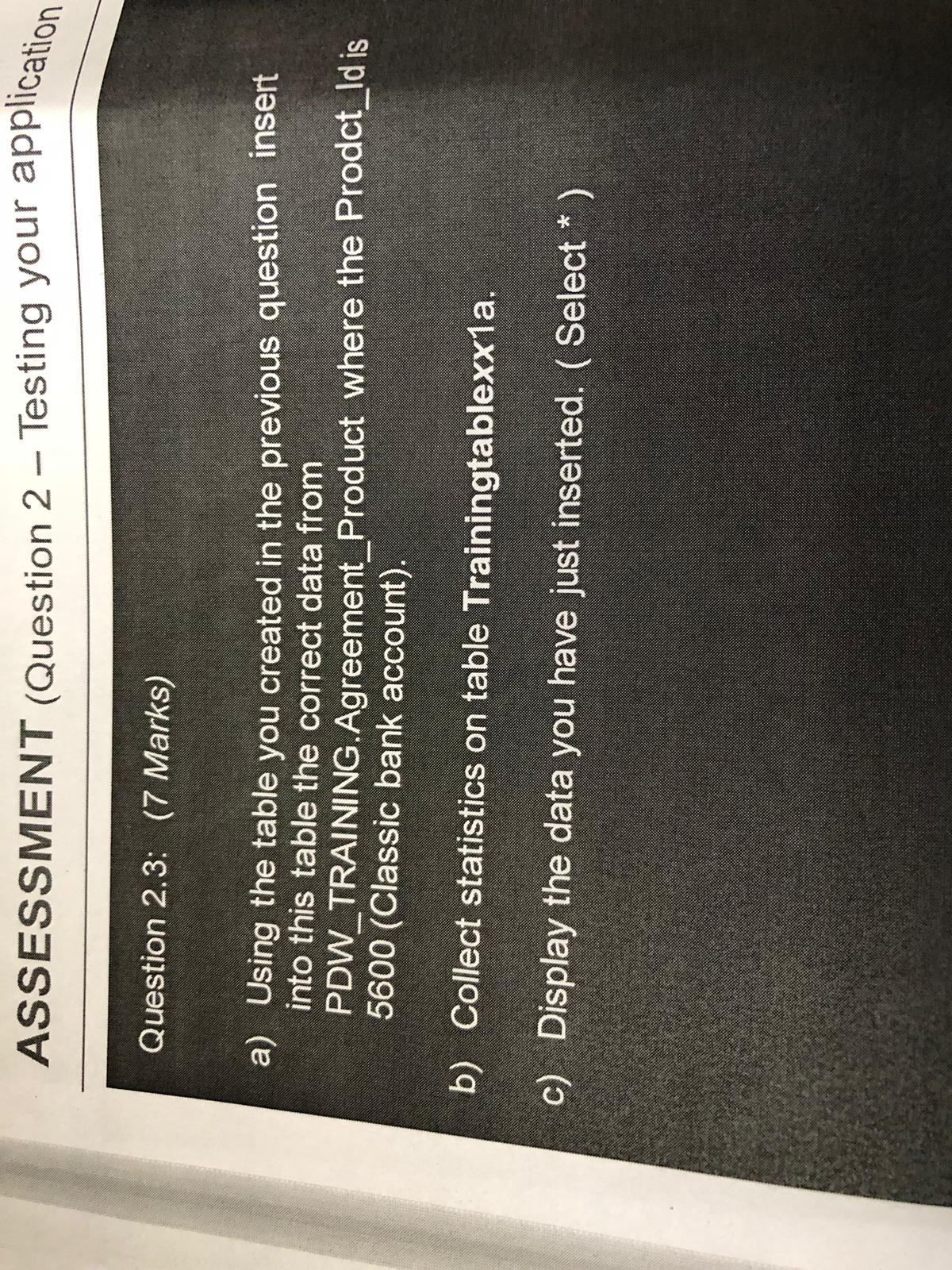
Agrmnt\_ID INTEGER NOT NULL,

Start\_DT DATE FORMAT ‘YYYY-MM-DD’ NOT NULL,

Prodct\_Id INTEGER COMPRESS(5600)

)

UNIQUE PRIMARY INDEX (Agrmnt\_ID);



1. INSERT INTO CDM.TrainingtableEO1a SELECT Agrmnt\_ID,Start\_DT,Prodct\_Id FROM PDW\_TRAINING.Agreement\_PRODUCT WHERE Prodct\_ID=5600;
2. To Collect statistics on the table CDM.TrainingtableEO1a we can use the below query:

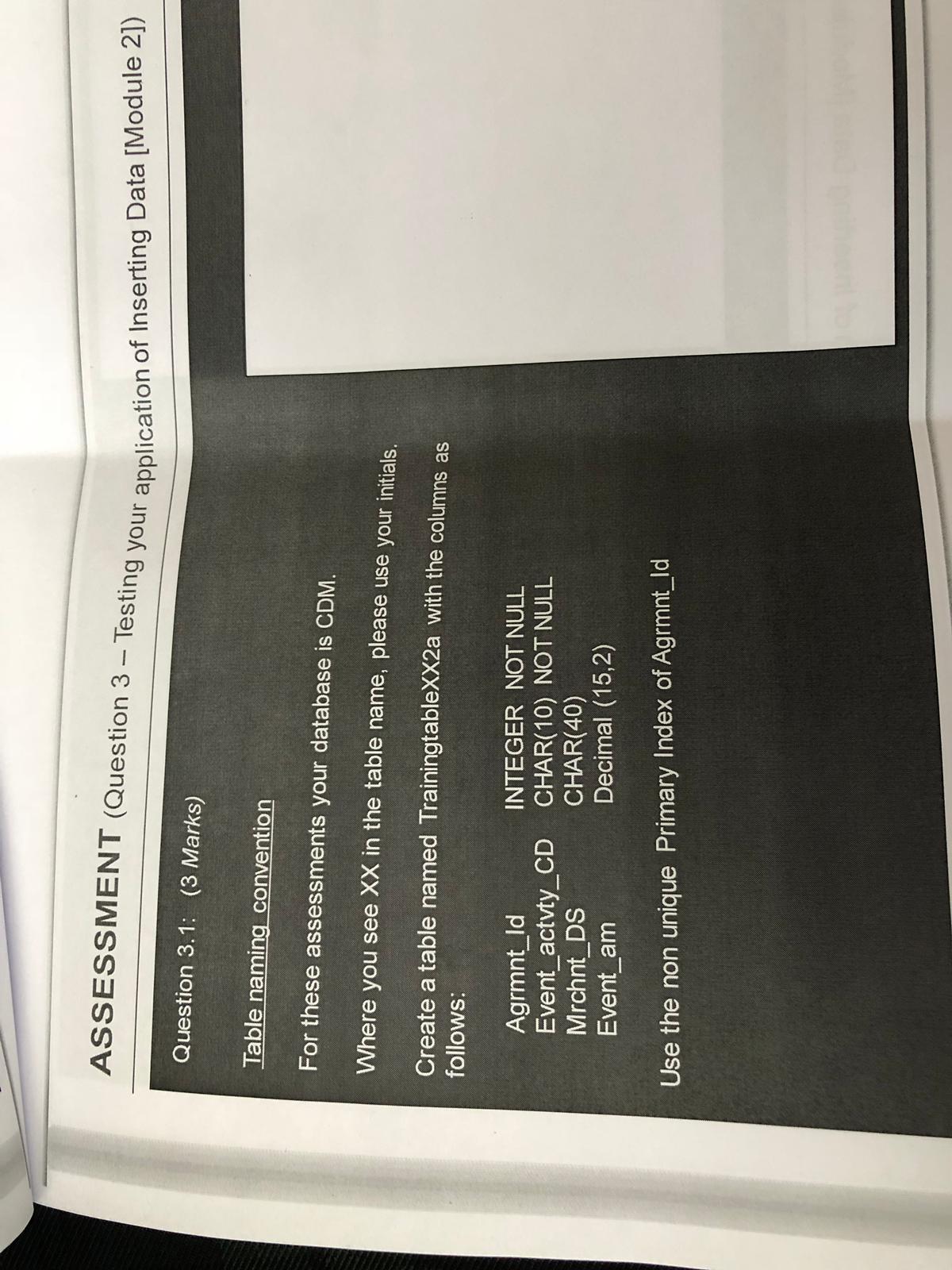
COLLECT STATISTICS ON CDM.TrainingtableEO1a;

After collecting to view the statistics we can use below query:

HELP STATISTICS CDM.TrainingtableEO1a;

1. Displaying the data we can use below query:

SELECT \* FROM CDM.TrainingtableEO1a;



CREATE SET TABLE CDM.TrainingtableEO2a, FALLBACK (

Agrmnt\_ID INTEGER NOT NULL,

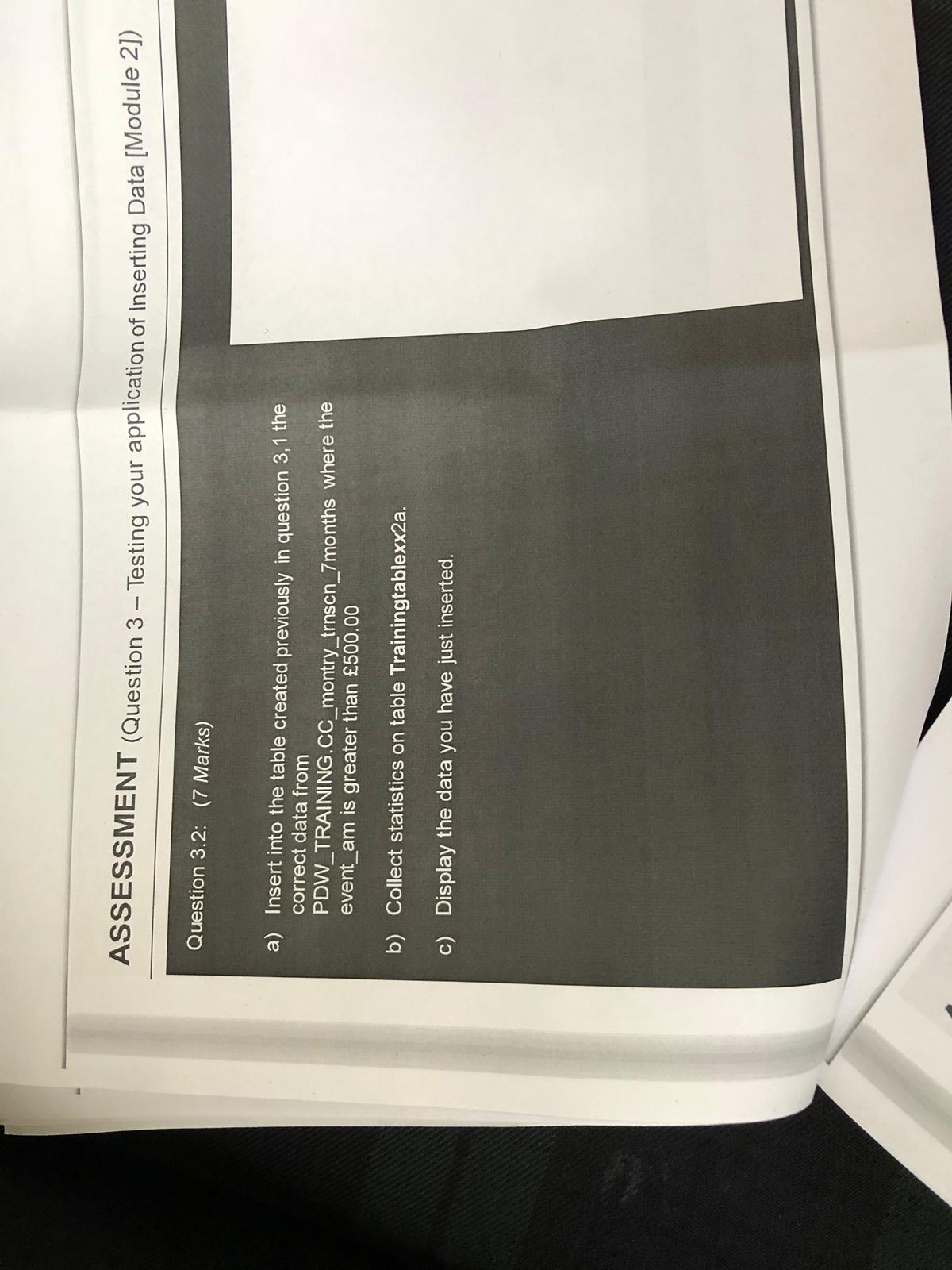
Event\_actvty\_CD CHAR(10) NOT NULL,

Mrchnt\_DS CHAR(40),

Event\_am DECIMAL(15,2)

)

PRIMARY INDEX (Agrmnt\_ID);/\*Creates a Non-Unique Index\*/



1. INSERT INTO CDM.TrainingtableEO2a SELECT Agrmnt\_ID, Event\_actvty\_CD, Mrchnt\_DS , Event\_am FROM PDW\_TRAINING.CC\_montry\_trnscn\_7months WHERE event\_am > 500;
2. To Collect statistics on the table CDM.TrainingtableEO2a we can use the below query:

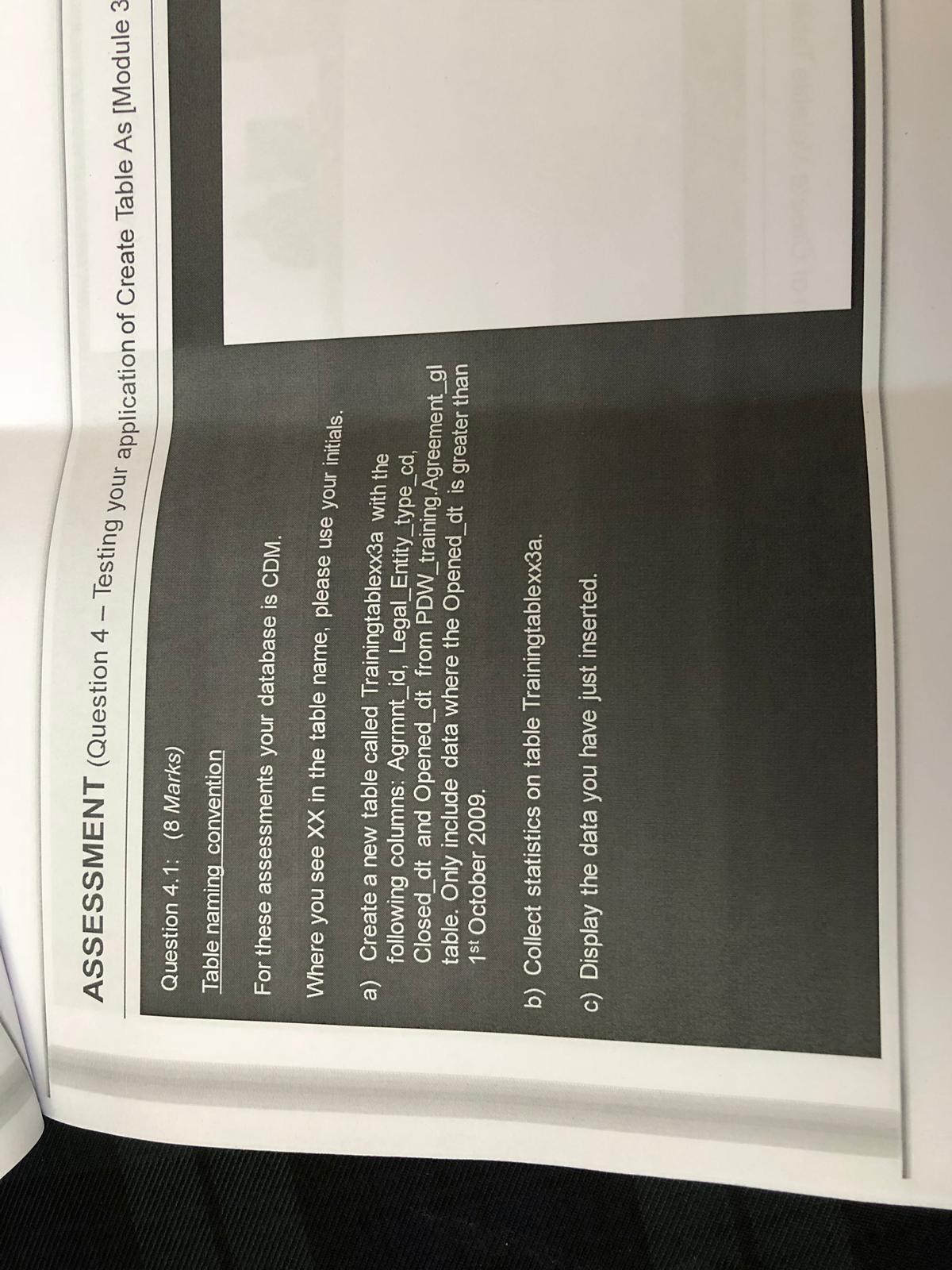
COLLECT STATISTICS ON CDM.TrainingtableEO2a;

After collecting to view the statistics we can use below query:

HELP STATISTICS CDM.TrainingtableEO2a;

1. Displaying the data we can use below query:

SELECT \* FROM CDM.TrainingtableEO2a;



1. CREATE TABLE CDM.TrainingtableEO3a AS (

SELECT Agrmnt\_id, Legal\_Entity\_type\_cd, Closed\_dt, Opened\_dt FROM PDW\_training.Agreement\_gl) WITH NO DATA;

INSERT INTO CDM.TrainingtableEO3a SELECT Agrmnt\_id, Legal\_Entity\_type\_cd, Closed\_dt, Opened\_dt FROM PDW\_training.Agreement\_gl WHERE Opened\_dt > ‘2009-10-01’;

1. To Collect statistics on the table CDM.TrainingtableEO3a we can use the below query:

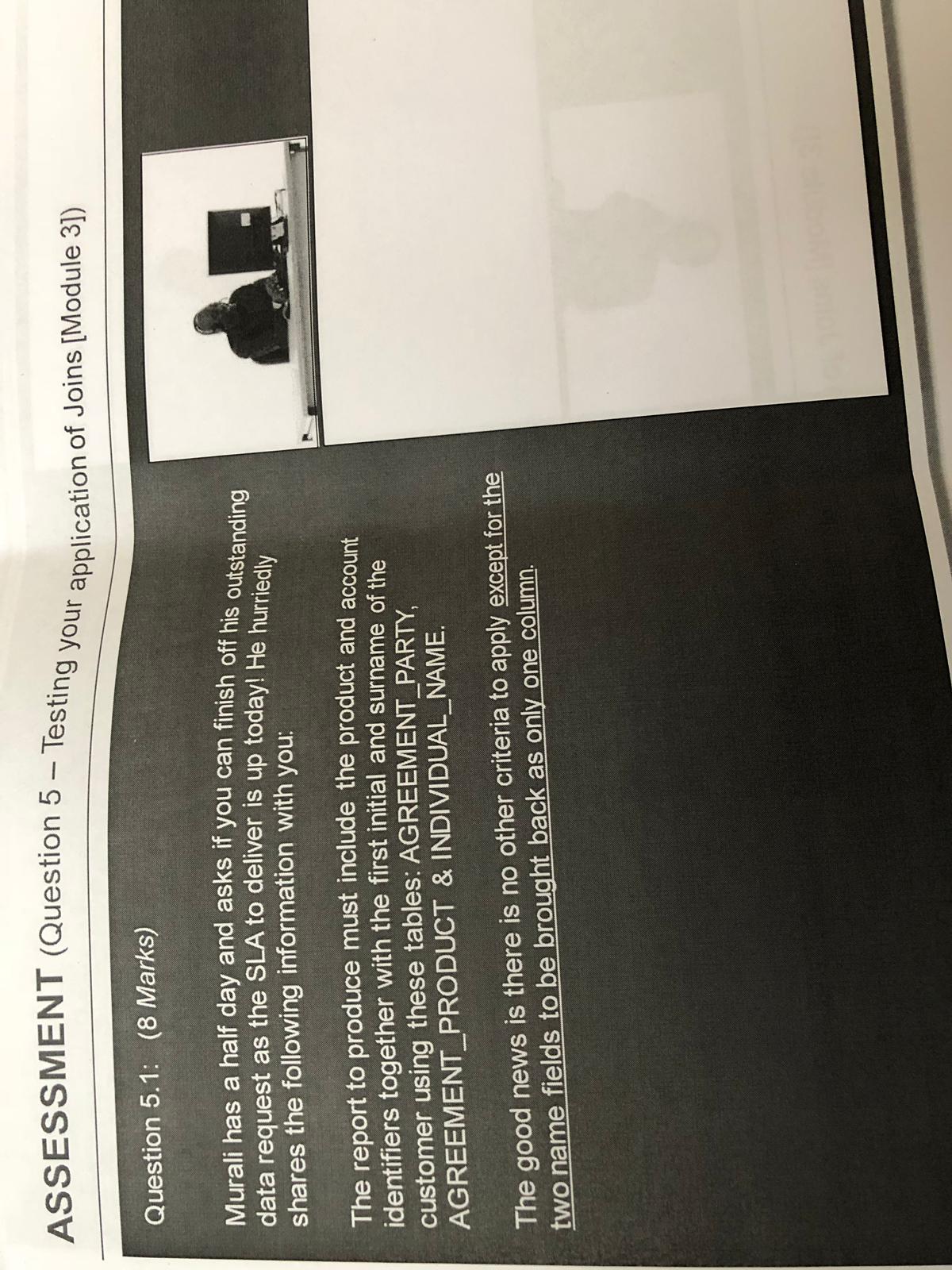
COLLECT STATISTICS COLUMN(Agrmnt\_ID) ON CDM.TrainingtableEO3a;

After collecting to view the statistics we can use below query:

HELP STATISTICS CDM.TrainingtableEO3a;

1. Displaying the data we can use below query:

SELECT \* FROM CDM.TrainingtableEO3a;

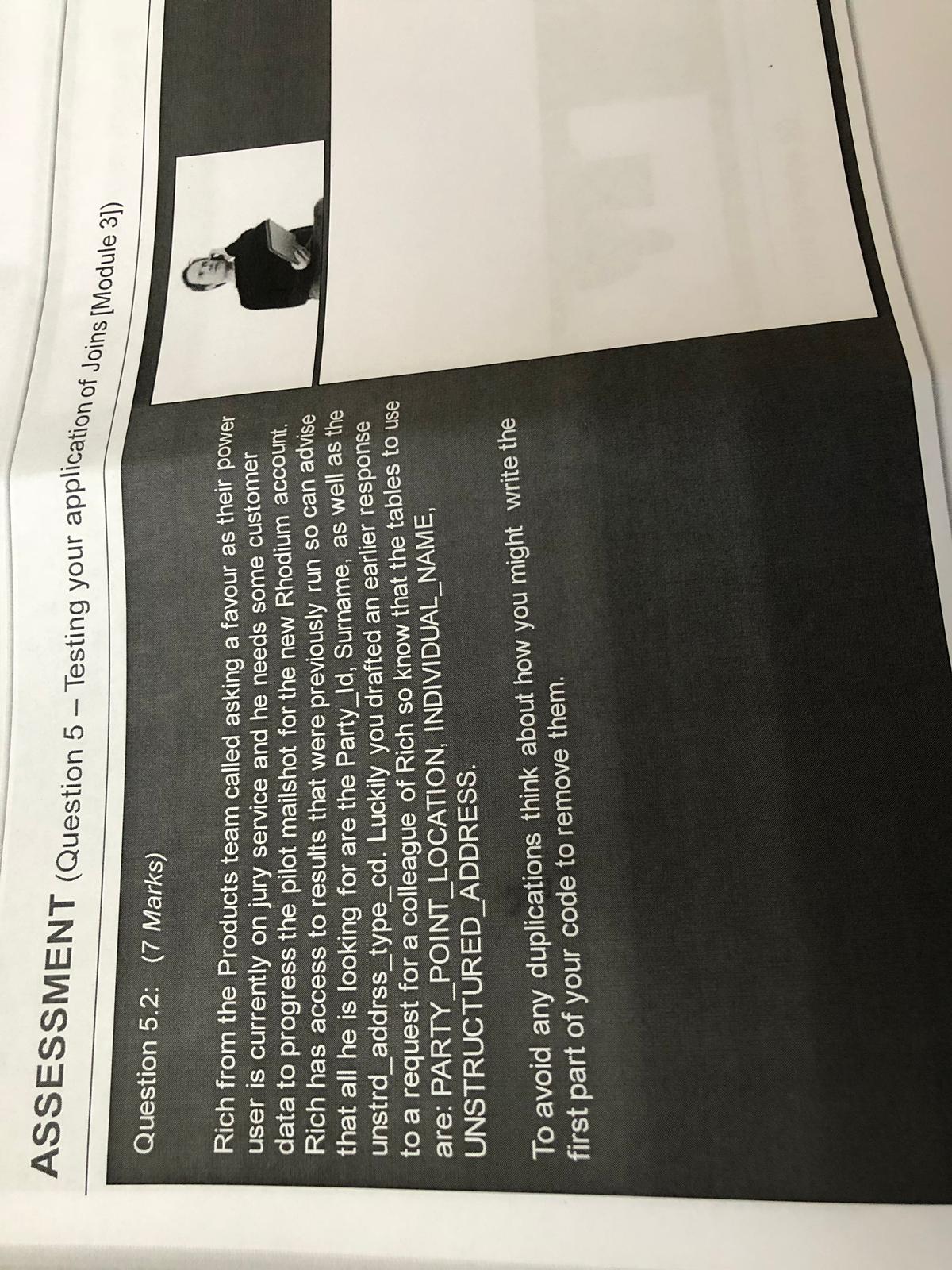


SELECT B.PRODUCT\_ID, A.ACCOUNT\_ID, C.FIRST\_INITIAL||C.SURNAME

FROM AGREEMENT\_PARTY A, AGREEMENT\_PRODUCT B, INDIVIDUAL\_NAME C

WHERE A.PRODUCT\_ID = B.PRODUCT\_ID

AND A.ACCOUNT\_ID = C.ACCOUNT\_ID;

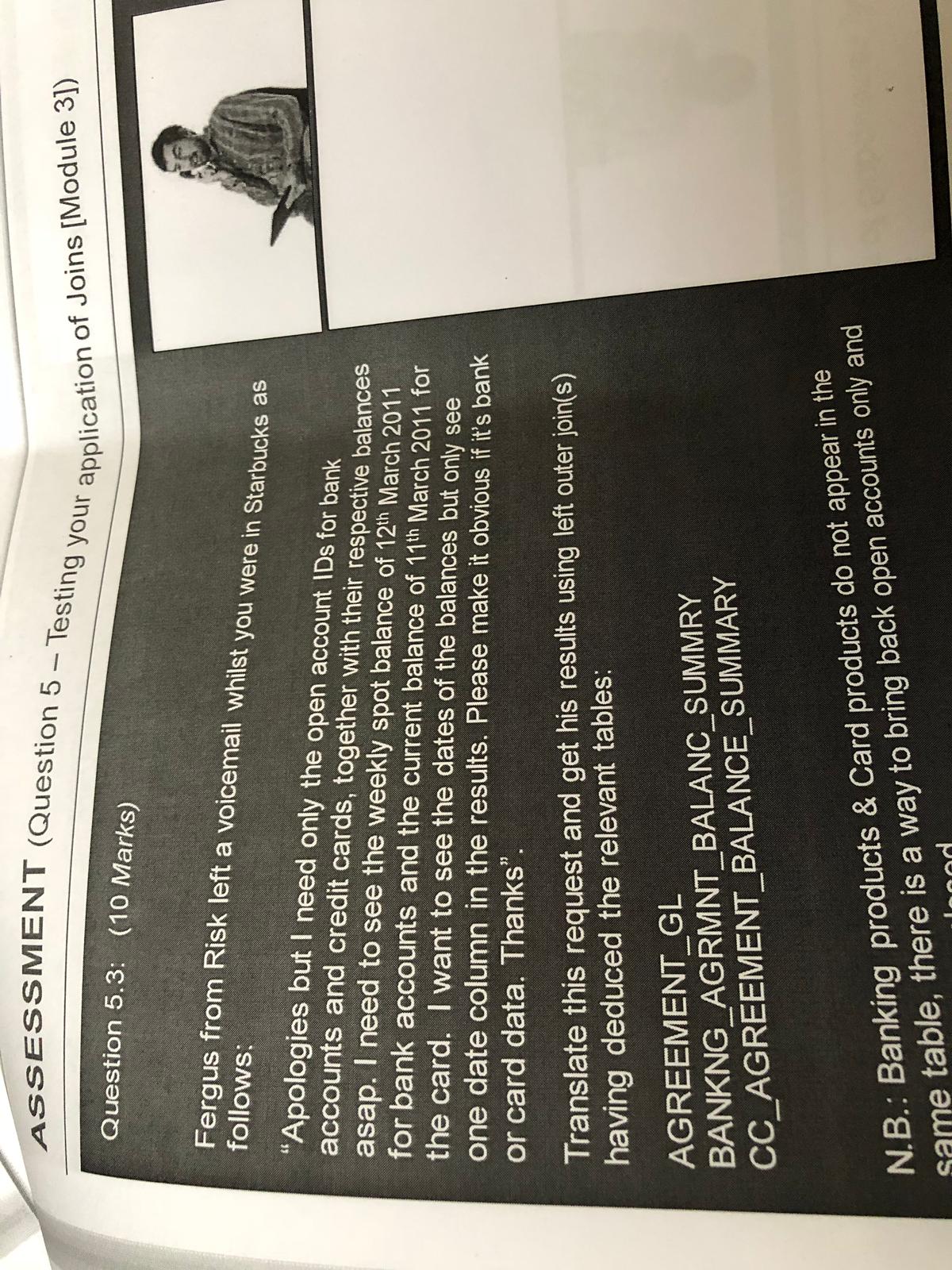


SELECT DISTINCT A.Party\_ID, B.Surname, C.unstrd\_addrss\_type\_cd

FROM PARTY\_POINT\_LOCATION A, INDIVIDUAL\_NAME B, UNSTRUCTURED\_ADDRESS C

WHERE A.Party\_ID = B.Party\_ID

AND B. unstrd\_addrss\_type\_cd = C. unstrd\_addrss\_type\_cd;



SELECT A.ACCOUNT\_ID, COALESCE(A.WEEKLY\_SPOT\_BALANCE, B.CURRENT\_BALANCE) AS BALANCE,

COALESCE(A.DATE, B.DATE) AS DATE FROM AGREEMENT\_GL A LEFT JOIN BANKING\_AGRMNT\_BALANC\_SUMMRY B

ON (A.ACCOUNT\_ID = B.ACCOUNT\_ID

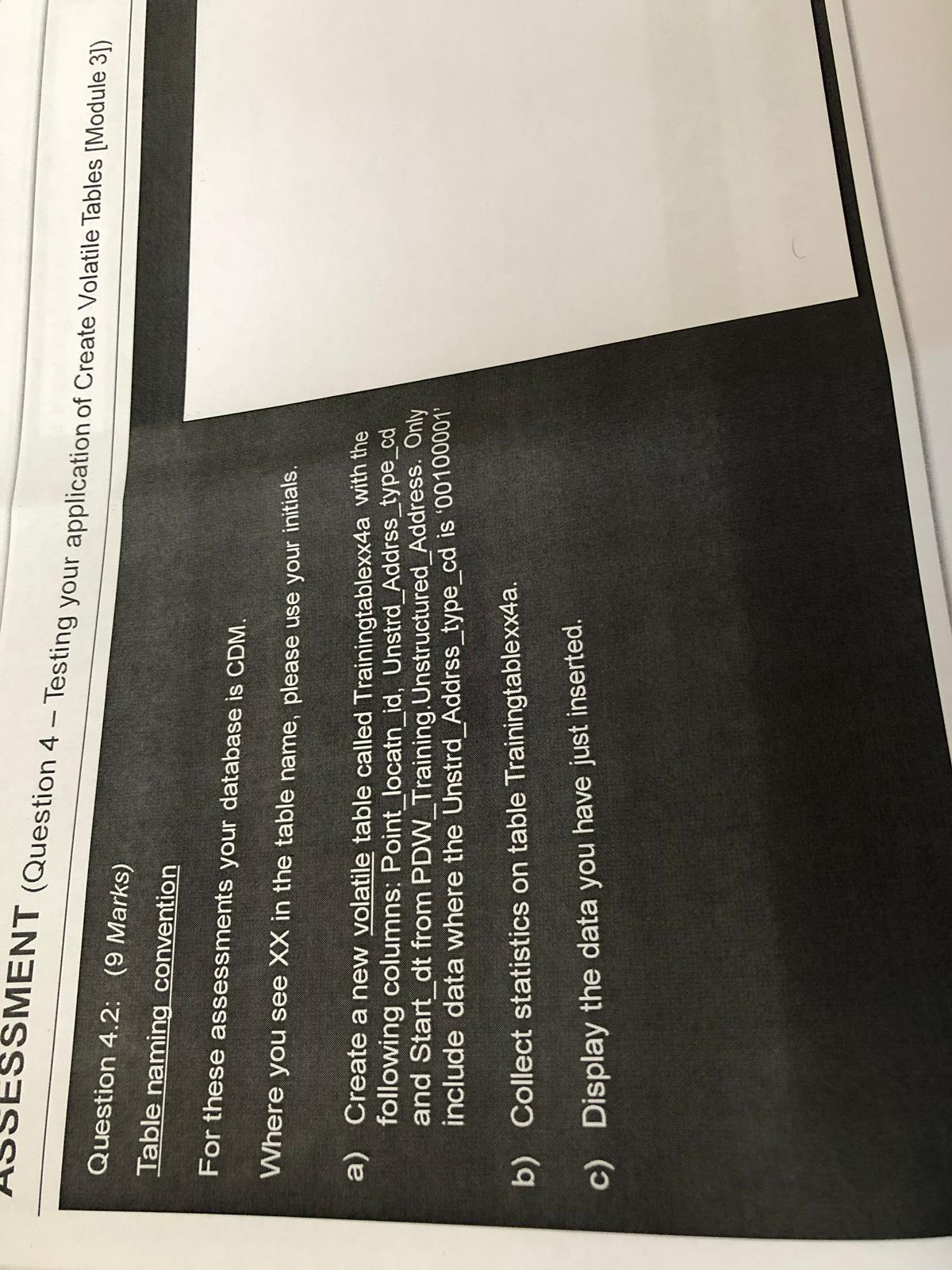
AND A.ACCOUNT\_STATUS=”OPEN”

AND B.DATE = ‘2011-03-12’) LEFT JOIN CC\_AGREEMENT\_BALANCE\_SUMMARY C

ON (A.ACCOUNT\_ID = C.ACCOUNT\_ID

AND A.ACCOUNT\_STATUS=’OPEN’

AND C.DATE = ‘2011-03-11’);



1. CREATE VOLATILE TABLE CDM.TrainingtableEO4a AS (SELECT Point\_locatn\_id, Unstrd\_Addrss\_type\_cd, Start\_dt FROM PDW\_Training.Unstructured\_Address WHERE Unstrd\_Adrss\_typde\_cd = ‘00100001’) WITH DATA ON COMMIT PRESERVE ROWS;
2. To Collect statistics on the table CDM.TrainingtableEO4a we can use the below query:

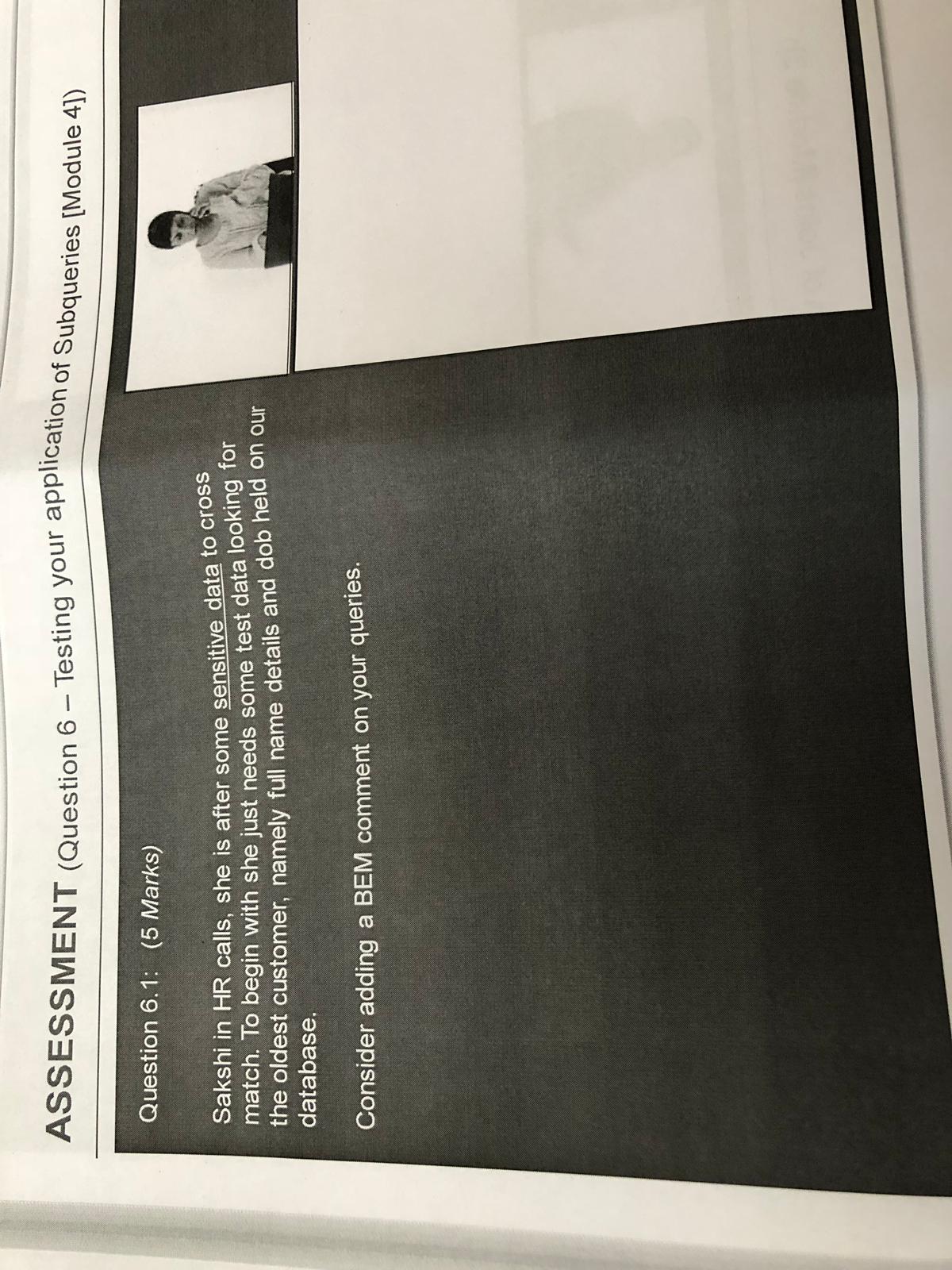
COLLECT STATISTICS ON CDM.TrainingtableEO4a;

After collecting to view the statistics we can use below query:

HELP STATISTICS CDM.TrainingtableEO4a;

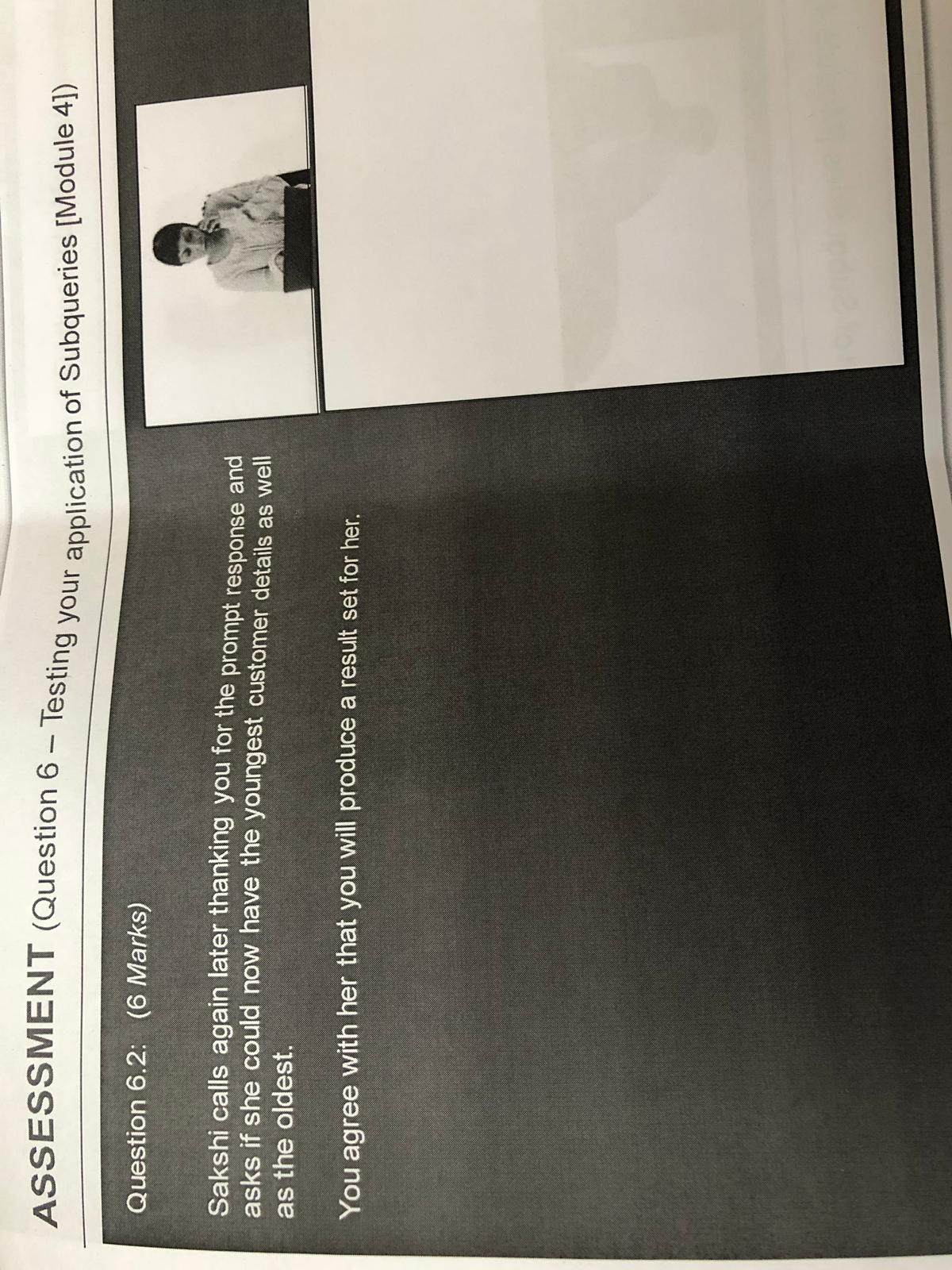
1. Displaying the data we can use below query:

SELECT \* FROM CDM.TrainingtableEO4a;



/\*To Select the Oldest Customer from CUSTOMER database we can use minimum of DOB in the select query\*/

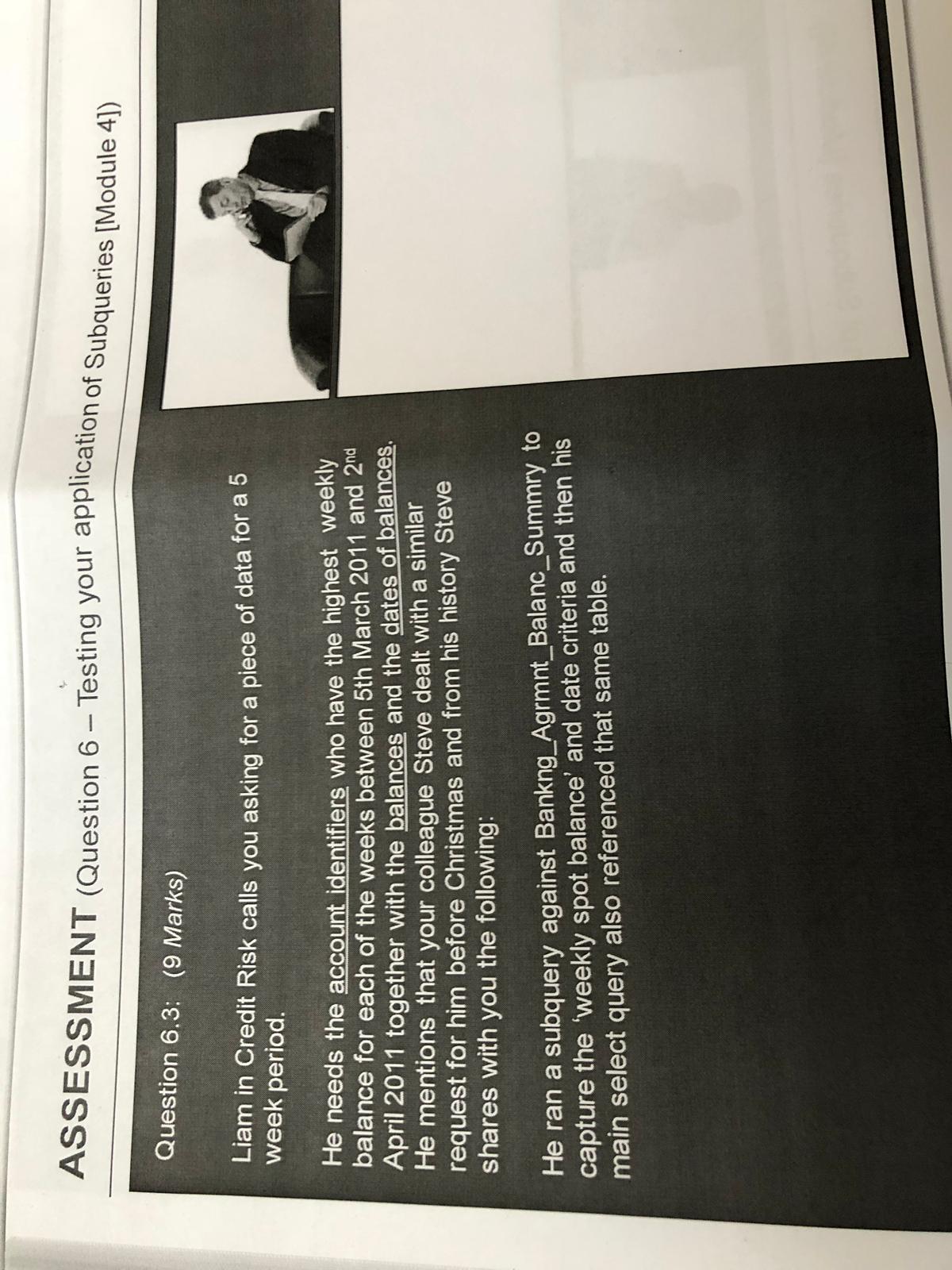
SELECT \* FROM CUSTOMER WHERE DOB = (SELECT MIN(DOB) FROM CUSTOMER); /\*The sub query returns the minimum of the DOB value from the CUSTOMER table\*/



/\*To Select the Oldest and Youngest Customer from CUSTOMER database we can use minimum and Maximum of DOB in the select query\*/

SELECT \* FROM CUSTOMER WHERE DOB IN ( SELECT MIN(DOB) FROM CUSTOMER

UNION SELECT MAX(DOB) FROM CUSTOMER); /\*The sub query returns the minimum of the DOB value and maximum of DOB value from the CUSTOMER table\*/



SELECT A.ACCOUNT\_ID, A.WEEKLY\_SPOT\_BALANCE, A.DATE FROM BANKNG\_AGRMNT\_BALANC\_SUMMRY A

WHERE A.WEEKLY\_SPOT\_BALANCE IN (SELECT MAX(WEEKLY\_SPOT\_BALANCE) FROM BANKNG\_AGRMNT\_BALANC\_SUMMRY B WHERE A.DATE = B.DATE)

AND A.DATE BETWEEN ‘2011-03-05’ AND ‘2011-04-02’;

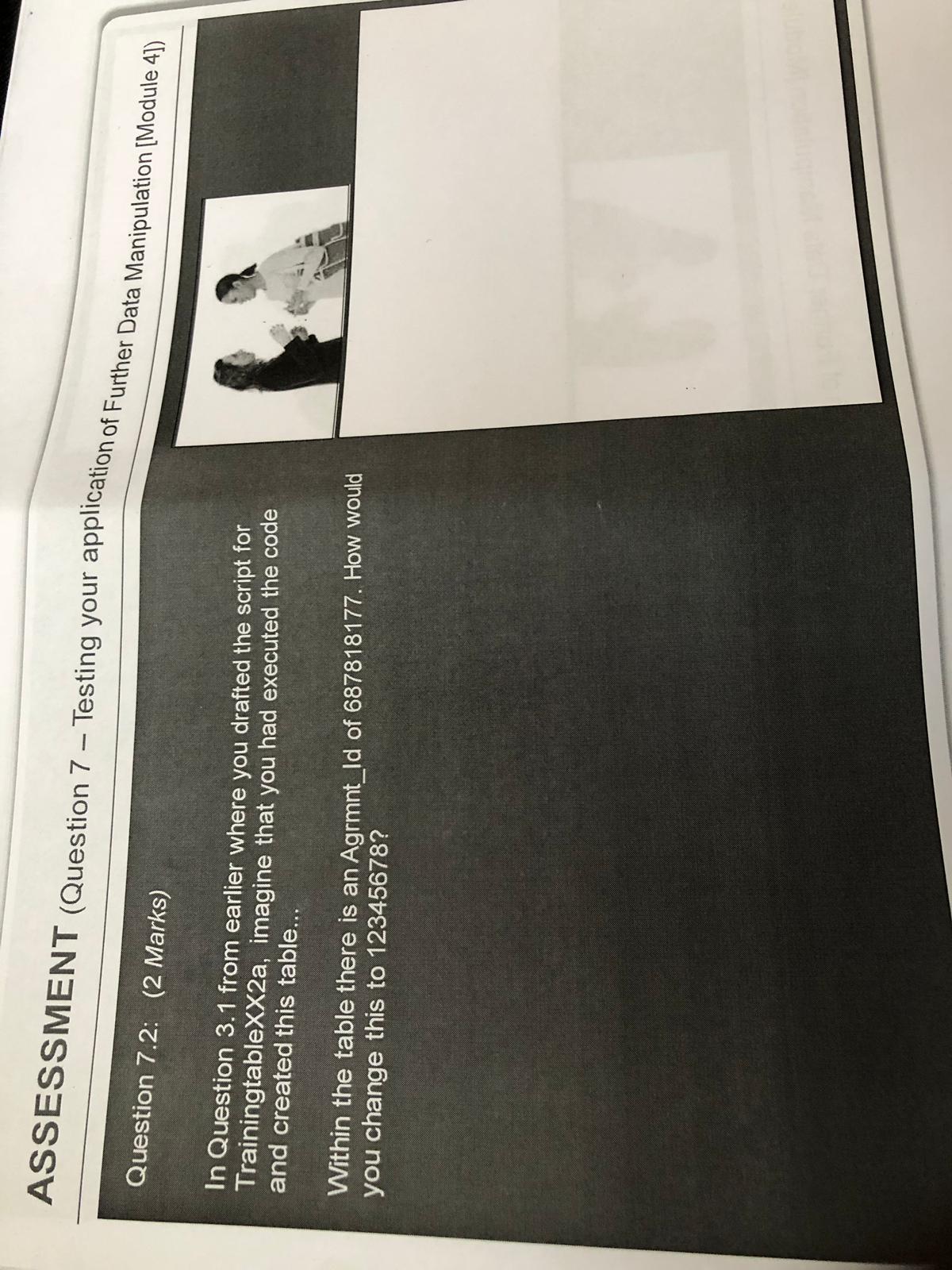


SELECT ACCOUNT\_ID, EVENT\_TYPE, AMOUNT, DATE FROM BANKING\_TRANS WHERE DATE BETWEEN ‘2011-03-14’ AND ‘2011-03-21’

UNION ALL

SELECT ACCOUNT\_ID, EVENT\_TYPE, AMOUNT, DATE FROM CC\_TRANS WHERE DATE BETWEEN ‘2011-03-14’ AND ‘2011-03-21’;

/\*The above query first selects data from Banking transactions table for one week with required fields and then it combines data from second table that is of Credit Card Transactions with required fields and then combines with UNION ALL operator\*/



UPDATE CDM.TrainingtableEO2a

SET Agrmnt\_Id = 12345678

WHERE Agrmnt\_Id= 687818177;