**LAB TASK 1**

CREATE TABLE account\_2022260127(

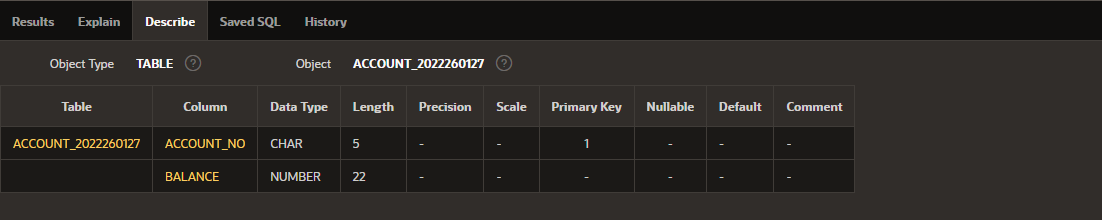
account\_noCHAR(5),

balance NUMBER NOT NULL,

PRIMARY KEY(account\_no),

CHECK(balance>0 )

);



CREATE TABLE customer\_2022260127(

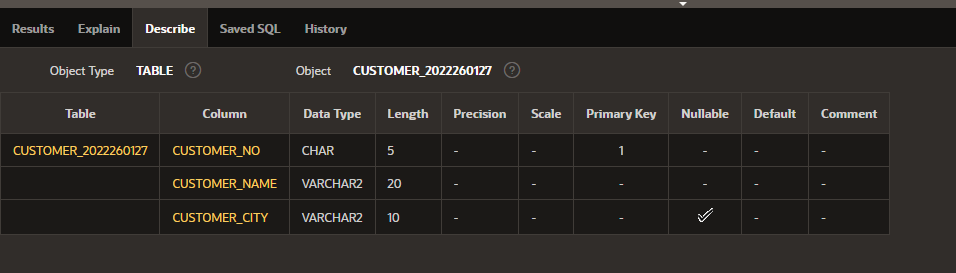
customer\_noCHAR(5),

customer\_name VARCHAR2(20) NOT NULL,

customer\_city VARCHAR2(10),

PRIMARY KEY (customer\_no)

);



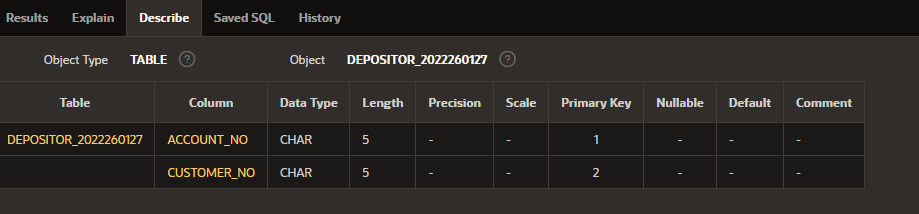
CREATE TABLE depositor\_2022260127(

account\_noCHAR(5),

customer\_noCHAR(5),

PRIMARY KEY (account\_no,customer\_no)

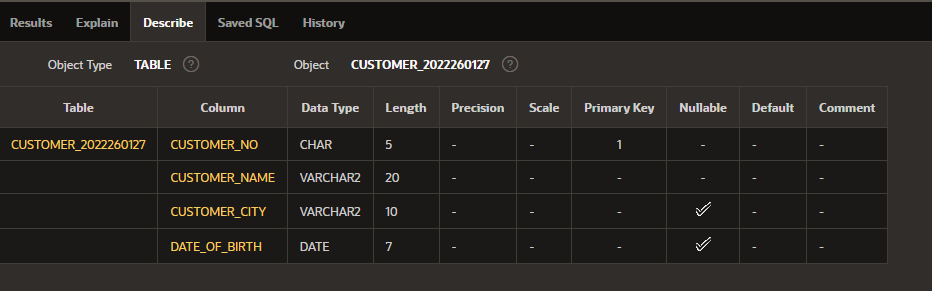
);



**LAB TASK 2**

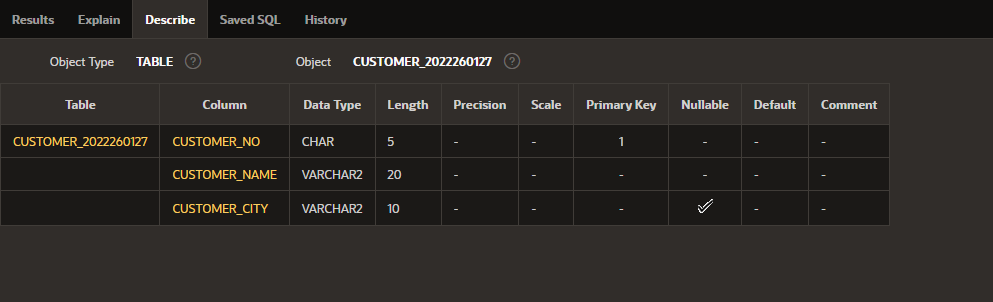
1. ALTER TABLE customer\_2022260127 ADD DATE\_OF\_BIRTH DATE;

DESC customer\_2022260127;



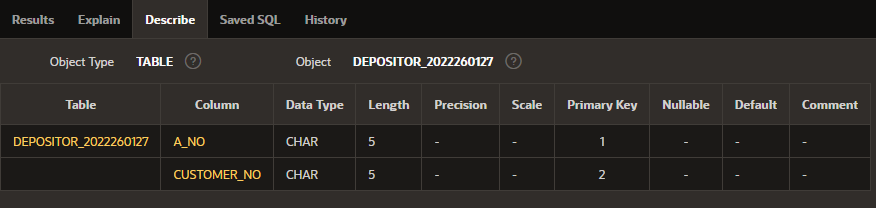
1. ALTER TABLE customer\_2022260127 DROP COLUMN DATE\_OF\_BIRTH;

DESC customer\_2022260127;



1. ALTER TABLE depositor\_2022260127 RENAME COLUMN account\_NO TO A\_NO;

DESC depositor\_2022260127;



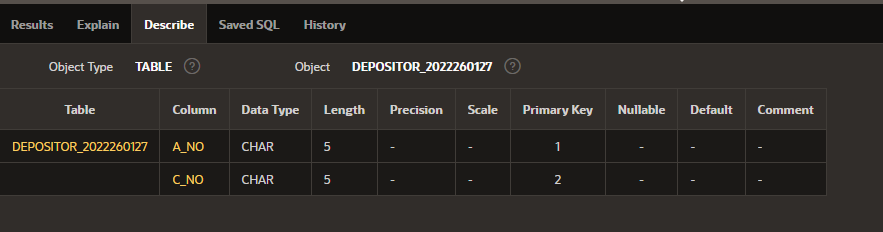
ALTER TABLE depositor\_2022260127 RENAME COLUMN customer\_NO TO C\_NO;

DESC depositor\_2022260127;

1. ALTER TABLE depositor\_2022260127 ADD CONSTRAINT depositor\_fk1

FOREIGN KEY (A\_NO)

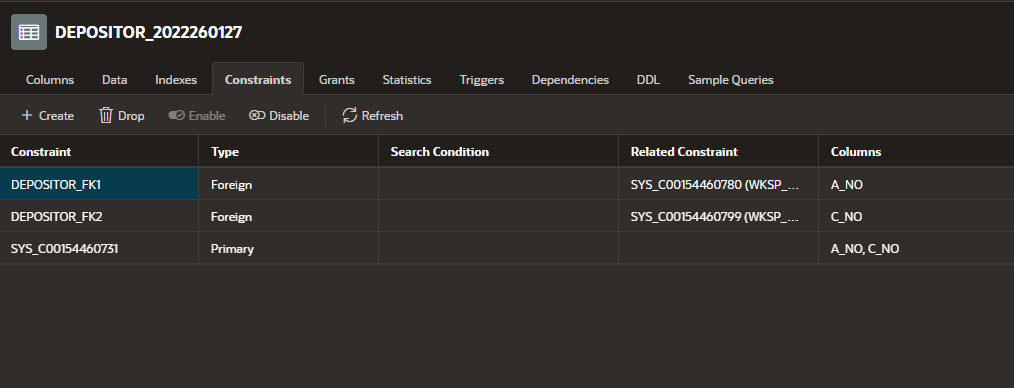
REFERENCES account\_2022260127;



FOREIGN KEY (C\_NO)

REFERENCES customer\_2022260127;

DESC depositor\_2022260127;



**LAB TASK 3**

INSERT INTO account\_2022260127 VALUES ('A-101',12000);

A black and grey rectangular object

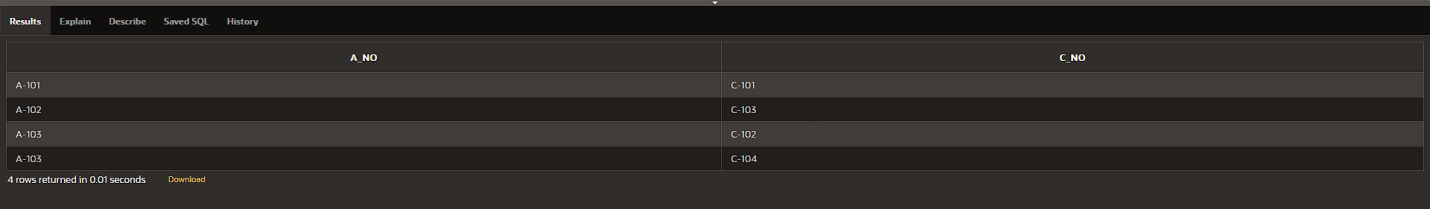
Description automatically generated

INSERT INTO customer\_2022260127 VALUES ('C-101','ALICE','DHAKA');

A screenshot of a computer

Description automatically generated

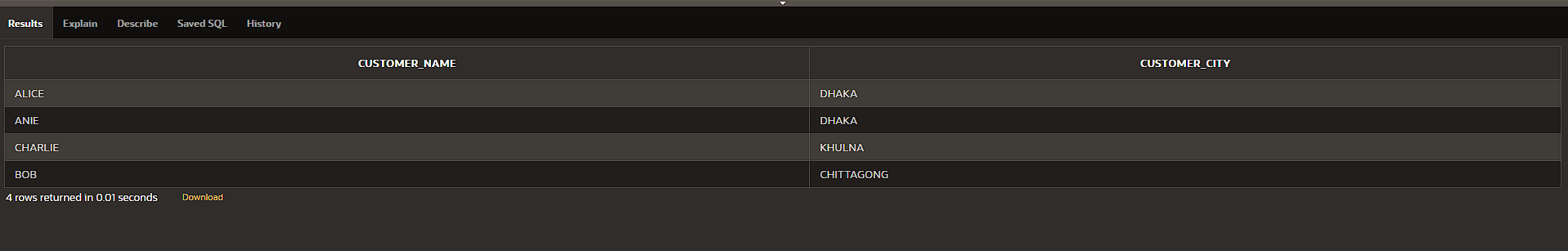
INSERT INTO depositor\_2022260127 VALUES ('A-101','C-101');



**LAB TASK 4**

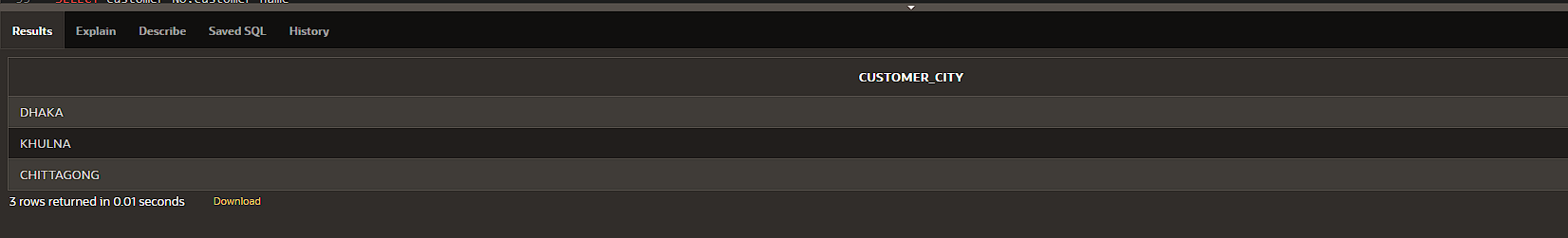
1. SELECT customer\_name,customer\_city

FROM customer\_2022260127;



1. SELECT DISTINCT customer\_city

FROM customer\_2022260127;



1. SELECT account\_NO

FROM account\_2022260127

WHERE balance>7000;

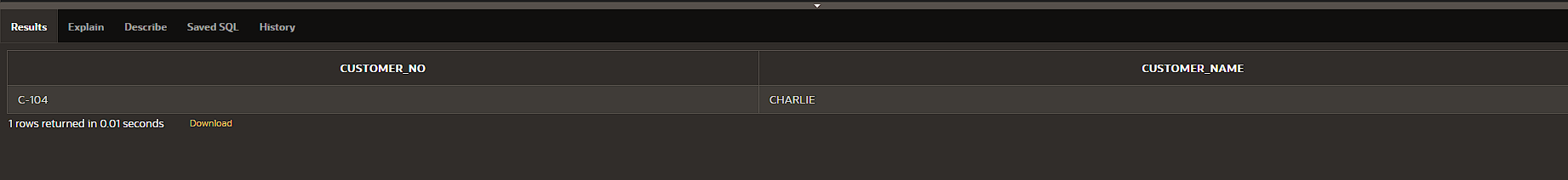
A black rectangular object with a black stripe

Description automatically generated

1. SELECT customer\_no,customer\_name

FROM customer\_2022260127

WHERE customer\_city='KHULNA';



1. SELECT customer\_no,customer\_name

FROM customer\_2022260127

WHERE customer\_city!='DHAKA';

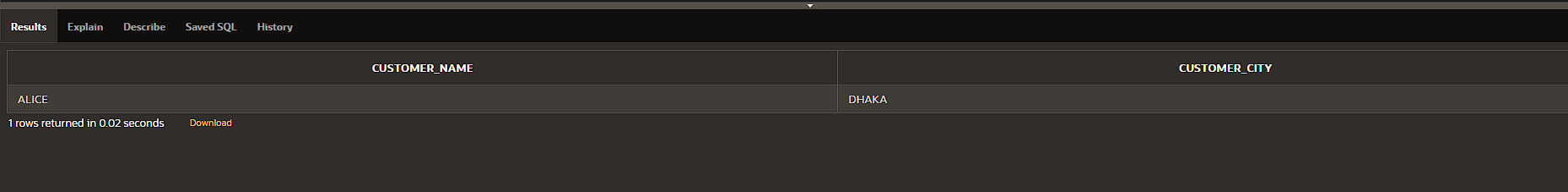
A screenshot of a computer

Description automatically generated

1. SELECT c.customer\_name, c.customer\_city

FROM account\_2022260127 a ,customer\_2022260127 c ,depositor\_2022260127 d

WHERE a.account\_no = d.A\_NO AND d.C\_NO = c.customer\_no AND a.balance>7000;



1. SELECT c.customer\_name, c.customer\_city

FROM account\_2022260127 a ,customer\_2022260127 c ,depositor\_2022260127 d

WHERE a.account\_no = d.A\_NO AND d.C\_NO = c.customer\_no AND a.balance>7000 AND c.customer\_city!='KHULNA';

A black and grey rectangular object

Description automatically generated with medium confidence

1. SELECT a.account\_no, balance

FROM account\_2022260127 a ,customer\_2022260127 c ,depositor\_2022260127 d

WHERE a.account\_no = d.A\_NO AND d.C\_NO = c.customer\_no AND c.customer\_no='C-102';

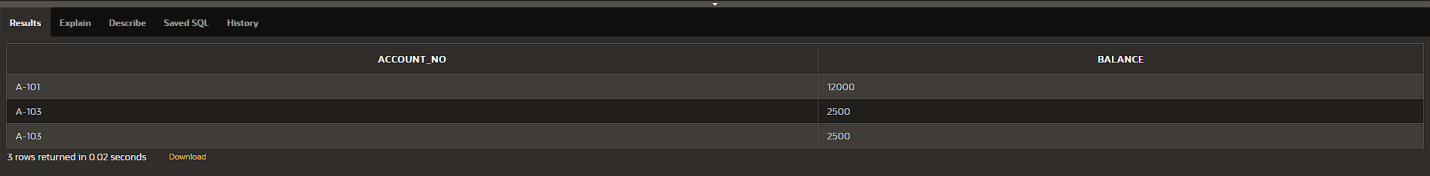
A black rectangular object with a black stripe

Description automatically generated

1. SELECT a.account\_no, balance

FROM account\_2022260127 a ,customer\_2022260127 c ,depositor\_2022260127 d

WHERE a.account\_no = d.A\_NO AND d.C\_NO = c.customer\_no AND (c.customer\_city='DHAKA' OR c.customer\_city='KHULNA');



1. SELECT c.customer\_name

FROM account\_2022260127 a ,customer\_2022260127 c ,depositor\_2022260127 d

WHERE a.account\_no = d.A\_NO AND d.C\_NO = c.customer\_no AND a.account\_no IS NULL;

A screenshot of a computer

Description automatically generated