IRIS BASED AGE CLASSIFICATION SYSTEM

Abstract:

The average human eyeball is about one inch (25.4mm)in diameter, and weighs 0.25ounces (7.09gram). This is just slightly smaller than a regulation ping pong ball. The human iris ranges from 10.2mm to 13.0mm on average. by this diameter and range of vision we can find the age of the person if this values are collected from a healthy uninjured person.if we consider ratio of range of vision and retina diameter then it will decrease with the increase in the age."Age measurement is very difficult," says Dr Thomas Huang, the lead developer. "If you use the face to estimate age we can really get the apparent age, or how old a person looks."The researchers trained their computer algorithm using 1,600 different people with five pictures of each person, for a total of 8,000 images. The age of the people in the pictures ranged from one year to 93 years old.so by their research they have given ranges of retina_ratio and age of people with that ratio. with the help of that ratio this project is based on. with the help of that segeration we are going to estimate the age of people using this software.

REQUIREMENT ANALYSIS

LIST OF TABLES:

- COMPANY
- RETINA_SCANNER
- RETINA SCANNER PREPAREDBY
- SCAN
- PERSON
- REPORT

List of attributes with their domain types:

Company:

Company id: number()

Name: varchar()

Address: varchar()

DBMS ASSIGNMENT -1

Title: Iris based age classification system

Rating: number()

Retina_scanner:

Scanner_id : number

Name: varchar()

Cost: number

Accuracy: number

Prepared_by:

Scanner_id : number

Company_id : number

Day: date

Person:

Person_id: number

Name: varchar()

Phone_no: number(10)

Address: varchar()

Scan:

Person_id : number

Scanner_id : number

Report_id : number

Report:

Report_id : number

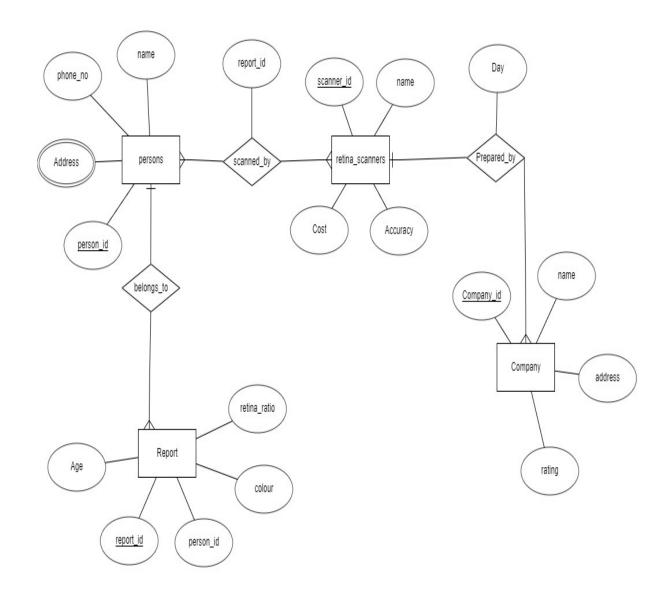
Person_id: number

Age: number

Colour: varchar()

Retina_ratio: number

ER diagram:



Mapping Cardinalities and Participation Constraints:

A company can prepare many retina scanners with different costs and different accuracy. But each retina scanner can be prepared by only one specific company only.

A person can be scan his eye any number of times with different scanners to know his age and generate many number of reports I.e., different report for each scan.

But a each report is belongs to only one person. That is person may repeat but report id should not repeat again.

Address attribute in person table is multi variable attribute and all id's in each table are primary keys.

DBMS ASSIGNMENT -1 Title: Iris based age classification system

Sql commands:

Run SQL Command Line							
SQL> SQL> SQL> SQL> SQL> SQL> SQL> SQL>							
SQL> SQL> select * from tab;							
TNAME	TABTYPE	CLUSTERID					
PERSON	TABLE TABLE TABLE						
SQL> desc company Name			Туре				
ID NAME ADDRESS RATING				R AR2(20) AR2(40)			
SQL> desc retina_scanner Name			Туре				
ID NAME COST		NOT NU	LL NUMBE VARCH LL NUMBE	AR2(20)			
ACCURACY			LL NUMBE				
SQL> desc person Name		Null?	Туре				
PERSON_ID NAME ADDRESS PHONE_NO SQL>		NOT NU		AR2(30) AR2(40)			
Type here to search			0	Ħ e		9	4

```
Run SQL Command Line
NAME
                                                       VARCHAR2(30)
 ADDRESS
                                                       VARCHAR2(40)
 PHONE_NO
                                                       NUMBER(10)
SQL> create table scan(
2 report_id number;
report_id number
ERROR at line 2:
ORA-00907: missing right parenthesis
SQL> create table scan(
 2 report_id number,
  3 primary key(report_id),
  4 p_id number,
  5 foreign key(p_id) references person(person_id),
  6 s id number,
  7 foreign key(s_id) references retina_scanner(id));
Table created.
SQL> desc scan
 Name
                                             Null?
                                                       Type
 REPORT_ID
                                             NOT NULL NUMBER
 P_ID
                                                       NUMBER
 S_ID
                                                       NUMBER
SQL>
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        Type here to search
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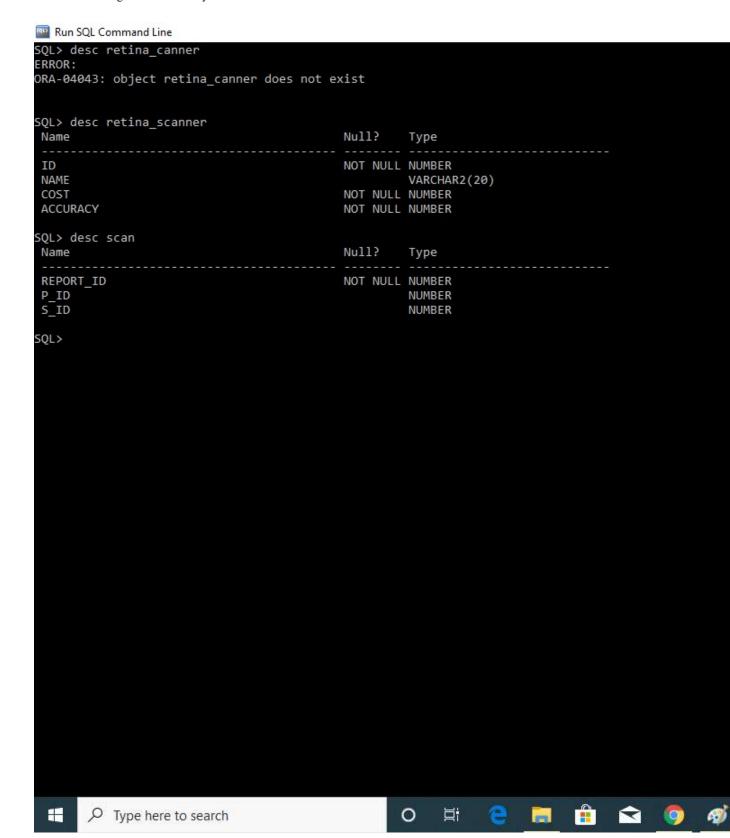
```
Run SQL Command Line
 3 primary key(report_id),
 4 p_id number,
 5 foreign key(p_id) references person(person_id),
 6 s_id number,
 7 foreign key(s_id) references retina_scanner(id));
Table created.
SOL> desc scan
                                         Null?
Name
                                                  Type
REPORT_ID
                                         NOT NULL NUMBER
P ID
                                                  NUMBER
SID
                                                  NUMBER
SQL> insert into scan values(13,14,15);
insert into scan values(13,14,15)
ERROR at line 1:
ORA-02291: integrity constraint (ASSINGMENT.SYS C007037) violated - parent key
not found
SQL> select * from tab;
TNAME
                           TABTYPE CLUSTERID
COMPANY
                             TABLE
PERSON
                             TABLE
RETINA_SCANNER
                             TABLE
SCAN
                             TABLE
SQL> create table prepared_by(
 2 day date,
 3 s_id number,
 4 c_id number,
 5 foreign key(s id) references retina scanner(id));
Table created.
SQL> alter table prepared_by add(foreign key(c_id) references company(id));
Table altered.
SQL> desc prepared by
                                        Null?
Name
                                                  Type
DAY
                                                  DATE
                                                  NUMBER
S ID
C_ID
                                                  NUMBER
SQL>
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       Type here to search
```

```
Run SQL Command Line
ORA-02291: integrity constraint (ASSINGMENT.SYS_C007037) violated - parent key
not found
SQL> select * from tab;
TNAME
                              TABTYPE CLUSTERID
COMPANY
                              TABLE
PERSON
                              TABLE
RETINA_SCANNER
                              TABLE
SCAN
                              TABLE
SQL> create table prepared_by(
 2 day date,
 3 s_id number,
 4 c id number,
 5 foreign key(s id) references retina scanner(id));
Table created.
SQL> alter table prepared_by add(foreign key(c_id) references company(id));
Table altered.
SQL> desc prepared_by
                                        Null?
Name
DAY
S_ID
                                                   NUMBER
C_ID
                                                   NUMBER
SQL> create table report(
 2 r_id number primary key,
3 colour varchar2(20),
 4 retina_ratio number,
 5 age number,
 6 person id number,
 7 foreign key(person_id) references person(person_id));
Table created.
SQL> desc report
Name
                                          Nu11?
                                                  Type
                                          NOT NULL NUMBER
R ID
COLOUR
                                                   VARCHAR2(20)
RETINA RATIO
                                                   NUMBER
                                                   NUMBER
PERSON ID
                                                   NUMBER
SQL>
                                                        Ħ
                                                                                0
       Type here to search
```

Run SQL Command Line						
SQL> SQL> select * from tab;						
TNAME	TABTYPE (CLUSTERID				
COMPANY	TABLE					
PERSON	TABLE					
	TABLE					
REPORT	TABLE					
RETINA_SCANNER	TABLE					
SCAN	TABLE					
6 rows selected.						
SQL> desc company						
Name		Null?	Type			
TD		NOT NULL	NUMBER			
ID NAME		NOT NULL	VARCHAR2(20)			
ADDRESS			VARCHAR2(40)			
RATING			NUMBER			
SQL> desc person		N112	Tuna			
Name		Null?	1 ype	 		
PERSON_ID		NOT NULL	NUMBER(10)			
NAME			VARCHAR2(30)			
ADDRESS			VARCHAR2(40)			
PHONE_NO			NUMBER(10)			
SQL> desc prepered_by						
ERROR:						
ORA-04043: object prepered_by o	does not ex	xist				
SQL> desc prepared_by						
Name		Null?	Туре			
DAY			DATE			
S_ID			NUMBER			
C_ID			NUMBER			
SQL> desc report		N=112	Tuno			
Name		Null?	Type			
R_ID		NOT NULL	NUMBER			
COLOUR			VARCHAR2(20)			
RETINA_RATIO			NUMBER			
AGE PERSON_ID			NUMBER NUMBER			
PERSON_ID			MONDER			
SQL> desc retina_canner						
Type here to search			o 🛱 🦲		9	6

DBMS ASSIGNMENT -1

Title: Iris based age classification system



```
Run SQL Command Line
Name
                                          Null?
                                                   Type
REPORT ID
                                          NOT NULL NUMBER
P_ID
                                                   NUMBER
 S_ID
                                                   NUMBER
SQL> alter table company add constraint ck rating check(rating between 0 and 100);
Table altered.
SQL> desc company
Name
                                          Null?
                                                   Type
 ID
                                          NOT NULL NUMBER
 NAME
                                                   VARCHAR2(20)
 ADDRESS
                                                   VARCHAR2(40)
 RATING
                                                   NUMBER
SQL> insert into person values(&person_id,'&name','&address',&phone_no);
Enter value for person_id: 1
Enter value for name: sai
Enter value for address:
Enter value for phone no: 1
old 1: insert into person values(&person id,'&name','&address',&phone no)
new 1: insert into person values(1, 'sai', '',1)
1 row created.
SQL> delete from person
 2;
1 row deleted.
SQL> alter table person add constraint ck_phone_no check(phone_no between 1000000000 and 999999999);
Table altered.
SQL> insert into person values(&person id,'&name','&address',&phone no);
Enter value for person id: 1
Enter value for name: sai
Enter value for address: abc
Enter value for phone no: 567
old 1: insert into person values(&person id, &name', &address',&phone no)
new 1: insert into person values(1,'sai','abc',567)
insert into person values(1, 'sai', 'abc',567)
ERROR at line 1:
ORA-02290: check constraint (ASSINGMENT.CK_PHONE_NO) violated
SOL>
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Run SQL Command Line
SQL> desc company
Name
                                            Null?
                                                     Type
 ID
                                            NOT NULL NUMBER
NAME
                                                     VARCHAR2(20)
 ADDRESS
                                                     VARCHAR2(40)
 RATING
                                                     NUMBER
SQL> insert into person values(&person id,'&name','&address',&phone no);
Enter value for person id: 1
Enter value for name: sai
Enter value for address:
Enter value for phone no: 1
old 1: insert into person values(&person_id,'&name','&address',&phone_no)
new 1: insert into person values(1,'sai','',1)
1 row created.
SQL> delete from person
1 row deleted.
SQL> alter table person add constraint ck phone no check(phone no between 1000000000 and 9999999999);
Table altered.
SQL> insert into person values(&person id,'&name','&address',&phone no);
Enter value for person id: 1
Enter value for name: sai
Enter value for address: abc
Enter value for phone_no: 567
old 1: insert into person values(&person_id,'&name','&address',&phone_no)
new 1: insert into person values(1,'sai','abc',567)
insert into person values(1,'sai','abc',567)
ERROR at line 1:
ORA-02290: check constraint (ASSINGMENT.CK PHONE NO) violated
SQL> insert into person values(&person id,'&name','&address',&phone no);
Enter value for person id: 1
Enter value for name: sai
Enter value for address: abc
Enter value for phone no: 7095716819
old 1: insert into person values(&person_id,'&name','&address',&phone_no)
     1: insert into person values(1, 'sai', 'abc', 7095716819)
1 row created.
SQL>
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        Type here to search
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Run SQL Command Line

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SQL> insert into person values(&person id,'&name','&address',&phone no);
Enter value for person id: 1
Enter value for name: sai
Enter value for address: abc
Enter value for phone no: 7095716819
     1: insert into person values(&person_id,'&name','&address',&phone_no)
     1: insert into person values(1, 'sai', 'abc', 7095716819)
1 row created.
SQL> insert into person values(&person id,'&name','&address',&phone no);
Enter value for person id: 99
Enter value for name: sampath
Enter value for address: dvk
Enter value for phone_no: 9381321423
    1: insert into person values(&person id, '&name', '&address', &phone no)
     1: insert into person values(99, 'sampath', 'dvk', 9381321423)
1 row created.
SQL> insert into person values(&person id,'&name','&address',&phone no);
Enter value for person id: 100
Enter value for name: vignesh
Enter value for address: sathupally
Enter value for phone_no: 9505673198
     1: insert into person values(&person_id,'&name','&address',&phone_no)
      1: insert into person values(100, 'vignesh', 'sathupally', 9505673198)
1 row created.
SQL> insert into person values(&person_id,'&name','&address',&phone_no);
Enter value for person_id: 101
Enter value for name: susheel
Enter value for address: attapur
Enter value for phone_no: 9121497115
    1: insert into person values(&person_id, '&name', '&address', &phone_no)
new 1: insert into person values(101, 'susheel', 'attapur', 9121497115)
1 row created.
SOL> insert into person values(&person id,'&name','&address',&phone no);
Enter value for person id: 102
Enter value for name: samson
Enter value for address: hanamkonda
Enter value for phone no: 9505663097
      1: insert into person values(&person_id,'&name','&address',&phone_no)
old
     1: insert into person values(102, 'samson', 'hanamkonda', 9505663097)
1 row created.
SQL>
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Run SQL Command Line
    1: insert into person values(100, 'vignesh', 'sathupally', 9505673198)
1 row created.
SQL> insert into person values(&person_id,'&name','&address',&phone_no);
Enter value for person id: 101
Enter value for name: susheel
Enter value for address: attapur
Enter value for phone_no: 9121497115
old 1: insert into person values(&person_id,'&name','&address',&phone_no)
new 1: insert into person values(101, 'susheel', 'attapur', 9121497115)
1 row created.
SQL> insert into person values(&person_id,'&name','&address',&phone_no);
Enter value for person id: 102
Enter value for name: samson
Enter value for address: hanamkonda
Enter value for phone no: 9505663097
old 1: insert into person values(&person id,'&name','&address',&phone no)
new 1: insert into person values(102, 'samson', 'hanamkonda', 9505663097)
1 row created.
SQL> select * from person;
PERSON_ID NAME
ADDRESS
                                          PHONE NO
     1 sai
abc
                                         7095716819
       99 sampath
dvk
                                         9381321423
      100 vignesh
sathupally
                                         9505673198
PERSON_ID NAME
ADDRESS
                                          PHONE NO
      101 susheel
                                         9121497115
attapur
      102 samson
hanamkonda
                                         9505663097
SQL> '
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                                                                           Type here to search
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```

```
Run SQL Command Line
SOL> '
SP2-0042: unknown command "'" - rest of line ignored.
SQL> desc company
Name
                                              Null?
                                                        Type
 ID
                                              NOT NULL NUMBER
 NAME
                                                        VARCHAR2(20)
 ADDRESS
                                                        VARCHAR2(40)
 RATING
                                                        NUMBER
SQL> insert into company values(&id,'&name','&address',&rating);
Enter value for id: 1001
Enter value for name: iris id
Enter value for address: united states
Enter value for rating: 95
old 1: insert into company values(&id,'&name','&address',&rating)
new 1: insert into company values(1001, 'iris id', 'united states',95)
1 row created.
SQL> insert into company values(&id,'&name','&address',&rating);
Enter value for id: 1001
Enter value for name: cmi tech
Enter value for address: korea
Enter value for rating: 90
old 1: insert into company values(&id,'&name','&address',&rating)
new 1: insert into company values(1001,'cmi tech','korea',90)
insert into company values(1001,'cmi tech','korea',90)
ERROR at line 1:
ORA-00001: unique constraint (ASSINGMENT.SYS C007021) violated
SQL> insert into company values(&id,'&name','&address',&rating);
Enter value for id: 1002
Enter value for name: cmi tech
Enter value for address: korea
Enter value for rating: 900
old 1: insert into company values(&id, '&name', '&address', &rating)
new 1: insert into company values(1002, 'cmi tech', 'korea', 900)
insert into company values(1002,'cmi tech','korea',900)
ERROR at line 1:
ORA-02290: check constraint (ASSINGMENT.CK_RATING) violated
SQL> insert into company values(&id,'&name','&address',&rating);
Enter value for id: 1002
Enter value for name: korea
Enter value for address: 2
Enter value for rating: a
old 1: insert into company values(&id,'&name','&address',&rating)
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Roll No: 1602-18-737-098 Name: Sheela Sai Rohith

Type here to search

Run SQL Command Line SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1002 Enter value for name: korea Enter value for address: 2 Enter value for rating: a old 1: insert into company values(&id,'&name','&address',&rating)
new 1: insert into company values(1002,'korea','2',a)
insert into company values(1002,'korea','2',a) ERROR at line 1: ORA-00984: column not allowed here SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1002 Enter value for name: cmi tech Enter value for address: korea Enter value for rating: 90 1: insert into company values(&id,'&name','&address',&rating) 1: insert into company values(1002, 'cmi tech', 'korea', 90) 1 row created. SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1003 Enter value for name: princeton identity Enter value for address: united states Enter value for rating: 85 1: insert into company values(&id,'&name','&address',&rating) 1: insert into company values(1003, 'princeton identity', 'united states',85) 1 row created. SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1004 Enter value for name: sensor tech Enter value for address: united kingdom Enter value for rating: 80 old 1: insert into company values(&id,'&name','&address',&rating) new 1: insert into company values(1004, 'sensor tech', 'united kingdom',80) 1 row created. SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1005 Enter value for name: argus Enter value for address: united kingdom Enter value for rating: 85 1: insert into company values(&id,'&name','&address',&rating)
1: insert into company values(1005,'argus','united kingdom',85)

1 row created.

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Run SQL Command Line SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1002 Enter value for name: korea Enter value for address: 2 Enter value for rating: a old 1: insert into company values(&id,'&name','&address',&rating)
new 1: insert into company values(1002,'korea','2',a)
insert into company values(1002,'korea','2',a) ERROR at line 1: ORA-00984: column not allowed here SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1002 Enter value for name: cmi tech Enter value for address: korea Enter value for rating: 90 1: insert into company values(&id,'&name','&address',&rating) 1: insert into company values(1002, 'cmi tech', 'korea', 90) 1 row created. SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1003 Enter value for name: princeton identity Enter value for address: united states Enter value for rating: 85 1: insert into company values(&id,'&name','&address',&rating) 1: insert into company values(1003, 'princeton identity', 'united states',85) 1 row created. SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1004 Enter value for name: sensor tech Enter value for address: united kingdom Enter value for rating: 80 old 1: insert into company values(&id,'&name','&address',&rating) new 1: insert into company values(1004, 'sensor tech', 'united kingdom',80) 1 row created. SQL> insert into company values(&id,'&name','&address',&rating); Enter value for id: 1005 Enter value for name: argus Enter value for address: united kingdom Enter value for rating: 85 1: insert into company values(&id,'&name','&address',&rating)
1: insert into company values(1005,'argus','united kingdom',85)

1 row created.

Type here to search

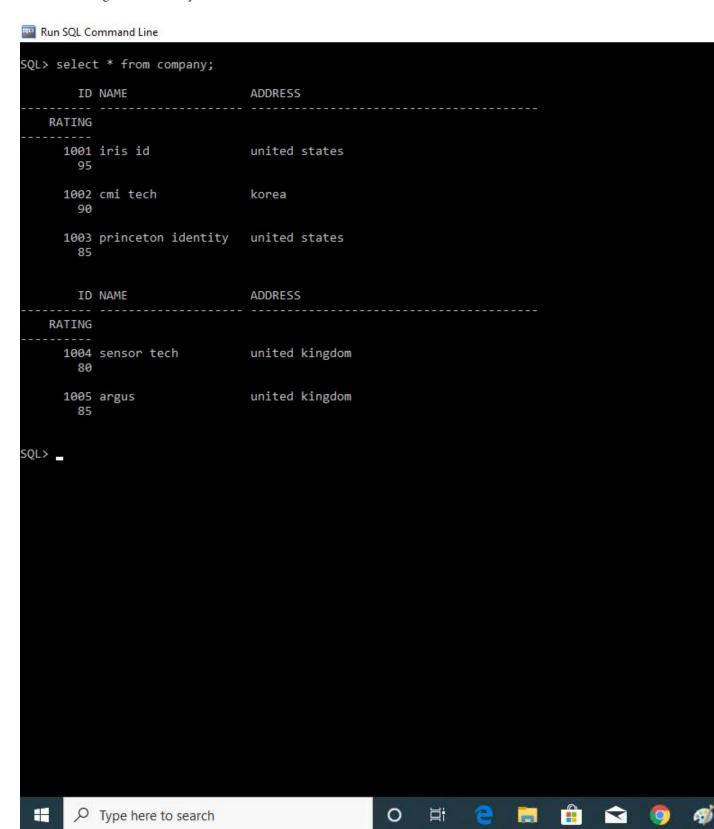
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```
Run SQL Command Line
SQL> insert into retina scanner values(&id,'&name',&cost,&accuracy);
Enter value for id: 1
Enter value for name: iritech
Enter value for cost: 7500
Enter value for accuracy: 90
     1: insert into retina_scanner values(&id, '&name', &cost, &accuracy)
     1: insert into retina scanner values(1, 'iritech',7500,90)
1 row created.
SQL> insert into retina_scanner values(&id,'&name',&cost,&accuracy);
Enter value for id: 2
Enter value for name: inddus
Enter value for cost: 4000
Enter value for accuracy: 70
old 1: insert into retina_scanner values(&id,'&name',&cost,&accuracy)
     1: insert into retina scanner values(2, 'inddus', 4000,70)
1 row created.
SQL> insert into retina scanner values(&id,'&name',&cost,&accuracy);
Enter value for id: 3
Enter value for name: cis202
Enter value for cost: 16500
Enter value for accuracy: 95
     1: insert into retina_scanner values(&id, '&name', &cost, &accuracy)
      1: insert into retina scanner values(3, 'cis202',16500,95)
1 row created.
SQL> insert into retina_scanner values(&id,'&name',&cost,&accuracy);
Enter value for id: 4
Enter value for name: mis_iris
Enter value for cost: 4500
Enter value for accuracy: 75
old 1: insert into retina_scanner values(&id,'&name',&cost,&accuracy)
new 1: insert into retina scanner values(4, mis iris 4500,75)
1 row created.
SQL> insert into retina_scanner values(&id,'&name',&cost,&accuracy);
Enter value for id: 5
Enter value for name: ir scan
Enter value for cost: 24000
Enter value for accuracy: 98
      1: insert into retina scanner values(&id, '&name', &cost, &accuracy)
old
    1: insert into retina scanner values(5, 'ir scan', 24000,98)
1 row created.
```

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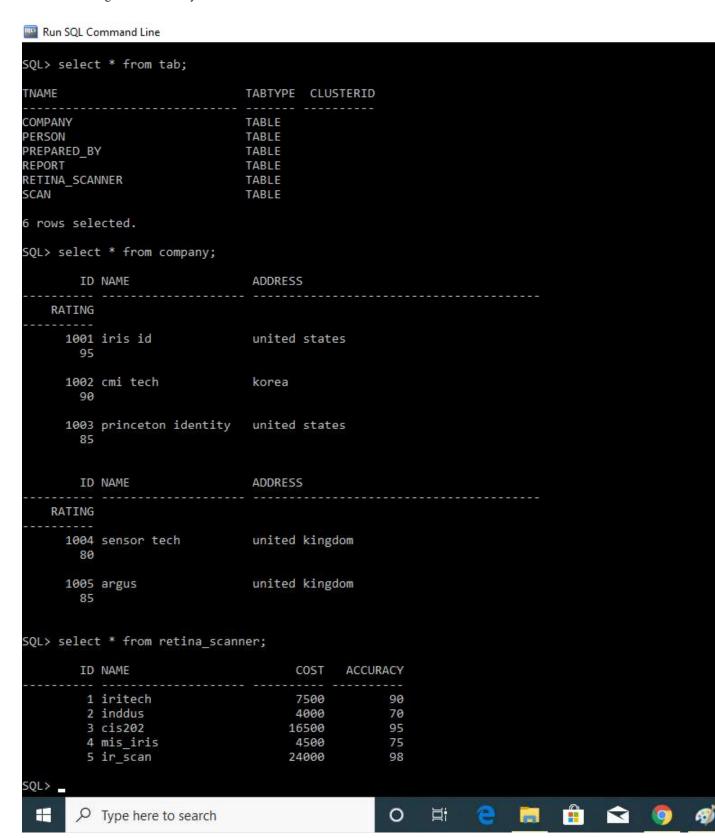
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Roll No: 1602-18-737-098 Name: Sheela Sai Rohith

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SQL>



Title: Iris based age classification system Run SQL Command Line insert into prepared_by values('',1,103) ERROR at line 1: ORA-02291: integrity constraint (ASSINGMENT.SYS C007039) violated - parent key not found SQL> insert into prepared_by values('&date',&s_id,&c_id); Enter value for date: Enter value for s_id: 1 Enter value for c_id: 1003 old 1: insert into prepared_by values('&date',&s_id,&c_id) new 1: insert into prepared by values('',1,1003) 1 row created. SQL> insert into prepared by values('&date',&s id,&c id); Enter value for date: Enter value for s id: 2 Enter value for c id: 1004 1: insert into prepared by values('&date',&s id,&c id) 1: insert into prepared by values('',2,1004) new 1 row created. SQL> insert into prepared_by values('&date',&s_id,&c_id); Enter value for date: Enter value for s id: 3 Enter value for c_id: 1002 old 1: insert into prepared by values('&date',&s_id,&c_id) 1: insert into prepared by values('',3,1002) 1 row created. SQL> insert into prepared by values('&date',&s id,&c id); Enter value for date: Enter value for s id: 4 Enter value for c id: 1005 1: insert into prepared_by values('&date',&s_id,&c_id) old new 1: insert into prepared_by values('',4,1005) 1 row created. SQL> insert into prepared by values('&date',&s id,&c id); Enter value for date: Enter value for s id: 5 Enter value for c id: 1001

1: insert into prepared_by values('&date',&s_id,&c_id)

1: insert into prepared by values('',5,1001)

1 row created.

old

Type here to search













```
Run SQL Command Line
     1: insert into prepared_by values('&date',&s_id,&c_id)
1: insert into prepared_by values('',1,1003)
1 row created.
SQL> insert into prepared_by values('&date',&s_id,&c_id);
Enter value for date:
Enter value for s_id: 2
Enter value for c_id: 1004
old 1: insert into prepared_by values('&date',&s_id,&c_id)
new 1: insert into prepared_by values('',2,1004)
1 row created.
SQL> insert into prepared_by values('&date',&s_id,&c_id);
Enter value for date:
Enter value for s id: 3
Enter value for c id: 1002
old 1: insert into prepared by values('&date',&s id,&c id)
     1: insert into prepared by values('',3,1002)
1 row created.
SQL> insert into prepared_by values('&date',&s_id,&c_id);
Enter value for date:
Enter value for s id: 4
Enter value for c_id: 1005
old 1: insert into prepared by values('&date',&s id,&c id)
    1: insert into prepared_by values('',4,1005)
1 row created.
SQL> insert into prepared_by values('&date',&s_id,&c_id);
Enter value for date:
Enter value for s_id: 5
Enter value for c_id: 1001
old 1: insert into prepared by values('&date',&s_id,&c_id)
new 1: insert into prepared by values('',5,1001)
1 row created.
SQL> select * from prepared by;
DAY
                 S_ID
                            C ID
                    1
                            1003
                    2
                            1004
                    3
                            1002
                    4
                            1005
                    5
                            1001
SQL>
                                                            計
                                                                   2 -
                                                                                      Type here to search
                                                      0
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Run SQL Command Line
old 1: insert into report values(&r_id,'&colour',&retina_ratio,&age,&person_id)
new 1: insert into report values(2003,'blue',2.20,2,)
insert into report values(2003,'blue',2.20,2,)
ERROR at line 1:
ORA-00936: missing expression
SQL> insert into report values(&r_id,'&colour',&retina_ratio,&age,&person_id);
Enter value for r_id: 2003
Enter value for colour: blue
Enter value for retina_ratio: 2.20
Enter value for age: 20
Enter value for person_id: 100
old 1: insert into report values(&r_id,'&colour',&retina_ratio,&age,&person_id)
    1: insert into report values(2003, 'blue', 2.20, 20, 100)
1 row created.
SOL> insert into report values(&r id,'&colour',&retina ratio,&age,&person id);
Enter value for r id: 2004
Enter value for colour: brown
Enter value for retina ratio: 2.2065
Enter value for age: 21
Enter value for person id: 101
old 1: insert into report values(&r_id,'&colour',&retina_ratio,&age,&person_id)
new 1: insert into report values(2004,'brown',2.2065,21,101)
1 row created.
SQL> insert into report values(&r_id,'&colour',&retina_ratio,&age,&person_id);
Enter value for r_id: 2005
Enter value for colour: gray
Enter value for retina_ratio: 2.215
Enter value for age: 19
Enter value for person_id: 102
old 1: insert into report values(&r_id,'&colour',&retina_ratio,&age,&person_id)
new 1: insert into report values(2005, 'gray', 2.215, 19, 102)
1 row created.
SQL> select * from report;
      R ID COLOUR
                                 RETINA RATIO
                                                     AGE PERSON ID
   ------ ----- --------- ------ ------
                                         2.25 18
2.25 18
      2001 black
                                        2.25
      2002 brown
                                                                   99
      2003 blue
                                                       20
                                          2.2
                                                                  100
      2004 brown
                                        2.2065
                                                       21
                                                                  101
      2005 gray
                                         2.215
                                                       19
                                                                  102
SQL>
```

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Roll No: 1602-18-737-098 Name: Sheela Sai Rohith

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Run SQL Command Line SQL> select * from tab; TNAME TABTYPE CLUSTERID COMPANY TABLE TABLE PERSON TABLE PREPARED BY REPORT TABLE RETINA_SCANNER TABLE SCAN TABLE 6 rows selected. SQL> select * from company; ID NAME ADDRESS 1001 iris id united states 95 1002 cmi tech korea 90 1003 princeton identity united states 85 ID NAME ADDRESS RATING 1004 sensor tech united kingdom 80 united kingdom 1005 argus 85 SQL> select * from person; PERSON_ID NAME ADDRESS PHONE NO 1 sai 7095716819 abc 99 sampath dvk 9381321423 計 🤚 🔚 🟦 🔁 🌖 🧭 Type here to search 0

Run SQL Command Line SQL> select * from person; PERSON_ID NAME ADDRESS PHONE_NO 1 sai 7095716819 99 sampath dvk 9381321423 100 vignesh sathupally 9505673198 PERSON_ID NAME PHONE NO 101 susheel attapur 9121497115 102 samson hanamkonda 9505663097 SQL> select * from prepared by; DAY S_ID C_ID 1 1003 2 1004 3 1002 4 1005 5 1001 SQL> select * from report; R_ID_COLOUR RETINA_RATIO AGE PERSON_ID 2001 black 2002 brown 2003 blue 2004 brown 2005 grav 2.25 18 1 2.25 18 99 2.2 20 100 2.2065 21 101 2.215 19 102 2005 gray SQL> select * from retina_scanner; ID NAME COST ACCURACY 1 iritech 7500 90 Ħ **(2)** Type here to search 0

