

**TITLE:-PLICKER CARD IMPLEMENTATION**

**DBMS ASSIGNMENT-1**

# **TITLE :PLICKER CARD**

## **IMPLEMENTATION**

### **DBMS ASSIGNMENT 1**

**Name : Renu Aakanksha**

**Sec : IT-B**

**ROLL NO: 1602 -18-737-093**

### **ABSTRACT**

*Plickers is a web tool that can be used for formative assessment even in a low technology classroom and hence found immensely beneficial to classrooms in rural south India where restrictions marginalise the ‘Bring Your Own Device’ concept. For its application, it requires only one computer, the Plickers mobile app installed to a smart phone and Plickers assessment cards. It has been proved to be an effective,*

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*timesaving, easy to use edu tech tool that can be used in Indian classrooms*

## **REQUIREMENT ANALYSIS**

*We require a total of 5 tables in order to keep a track of that database. One to store the details of the student, another for the details of the admin , one for instructor details and other 2 to store the details of the question and its options with correct option. The basic attributes are id, name of any entity, besides this, descriptive attributes are also present. Entity name can have a data type of char for attributes like name, question options to choose correct answer, student remarks, subject taught by the instructor. Number for score , class, exp and varchar2 for id. s*

*The relationship between various entity sets helps in retrieval of the information and feedback of the queries.*

*List of entities with their attributes and domain types*

*Student :           id number(5) (primary key)*

*name char(20)*

*Score number(5)*

*Remarks char(20)*

*Class number(5)*

*Instructor :       id number(5) (primary key)*

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Name *char(20)*

Subject *char(20)*

Experience number(*5*)

Class number(*5*)

Admin : *id number(5) (primary key)*

Name *char(20)*

Question : *no. number(5) (primary key)*

Question *char(1000)*

Marks awarded *number(5)*

Answer : *id number(5) (primary key)*

Opt1 *char(20)*

Opt2 *char(20)*

Opt3 *char(20)*

Opt4 *char(20)*

Crct\_answer : *id number (5) foreign key from answer*

*No. number(5) foreign key from question*

Taught : *id number(5) foreign key from studentd*

*Id number(5) foreign key from instructor*

Subject *char(20)*

Manage : *id number(5) foreign key from student*

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*Id number(5) foreign key from admin*

*Given\_ques: no. number(5) foreign key from question*

*Id number(5) foreign key from studentd*

**MAPPING CARDINALITIES AND**

**PARTICIPATION CONSTRAINTS**

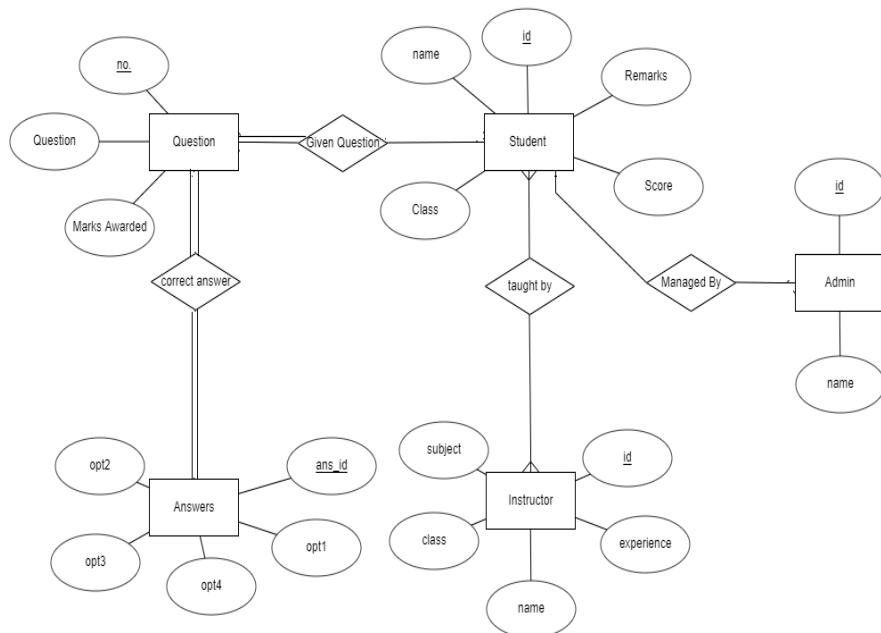
*Student details (many)      given\_ques      question(many)-total participation*

*Student details(many)      manage      admin(one) – partial participation*

*Question(one)      crct-ans      answer(one)- total participation*

*Student details (many)   taught      Instructor(many)- partial participation*

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**ENTITY RELATIONSHIP DIAGRAM**



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**DDL COMMANDS:**

```
SQL*Plus: Release 11.2.0.2.0 Production on Fri Feb 7 23:02:21 2020
Copyright (c) 1982, 2010, Oracle. All rights reserved.

SQL> conn system;
Enter password:
Connected.
SQL> create table studentD(sid number(5),sname char(20),class varchar2(10),score number(5),remark char(20));

Table created.

SQL> create table instructor(tid number(5),tname char(20),tclass varchar(10),sub char(20),exp number(5));

Table created.

SQL> create table admin(aid number(5),aname char(20));

Table created.

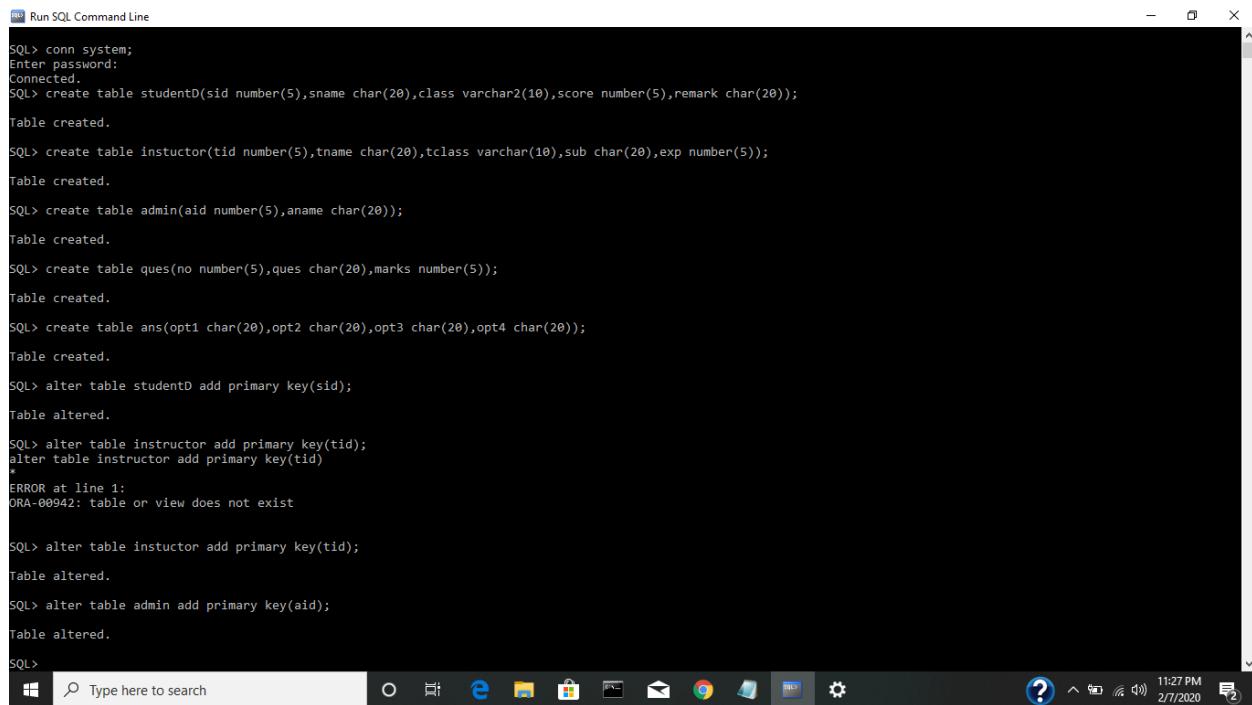
SQL> create table ques(no number(5),ques char(20),marks number(5));

Table created.

SQL> create table ans(opt1 char(20),opt2 char(20),opt3 char(20),opt4 char(20));

Table created.

SQL>
```



```
Run SQL Command Line
SQL> conn system;
Enter password:
Connected.
SQL> create table studentD(sid number(5),sname char(20),class varchar2(10),score number(5),remark char(20));

Table created.

SQL> create table instructor(tid number(5),tname char(20),tclass varchar(10),sub char(20),exp number(5));

Table created.

SQL> create table admin(aid number(5),aname char(20));

Table created.

SQL> create table ques(no number(5),ques char(20),marks number(5));

Table created.

SQL> create table ans(opt1 char(20),opt2 char(20),opt3 char(20),opt4 char(20));

Table created.

SQL> alter table studentD add primary key(sid);

Table altered.

SQL> alter table instructor add primary key(tid);
alter table instructor add primary key(tid)
*
ERROR at line 1:
ORA-00942: table or view does not exist

SQL> alter table instructor add primary key(tid);

Table altered.

SQL> alter table admin add primary key(aid);

Table altered.

SQL>
```

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```
Run SQL Command Line
SQL> desc studentd;
Name          Null?    Type
-----
SID           NOT NULL NUMBER(5)
SNAME         CHAR(20)
CLASS          VARCHAR2(10)
SCORE          NUMBER(5)
REMARK         CHAR(20)

SQL> desc instuctor;
Name          Null?    Type
-----
TID           NOT NULL NUMBER(5)
TNAME         CHAR(20)
TCLASS        VARCHAR2(10)
SUB           CHAR(20)
EXP            NUMBER(5)

SQL> desc admin;
Name          Null?    Type
-----
AID           NOT NULL NUMBER(5)
AMAME         CHAR(20)

SQL> desc ques;
Name          Null?    Type
-----
NO            NOT NULL NUMBER(5)
QUES          CHAR(20)
MARKS         NUMBER(5)

SQL> desc an;
Name          Null?    Type
-----
OPT1          CHAR(20)
OPT2          CHAR(20)
OPT3          CHAR(20)
OPT4          CHAR(20)

SQL> desc ans;
Name          Null?    Type
-----
Type here to search
O: Run SQL Command Line 11:28 PM 2/7/2020
```

```
* 
ERROR at line 1:
ORA-00955: name is already used by an existing object

SQL> desc given_ques;
Name          Null?    Type
-----
SID           NUMBER(5)
NO            NUMBER(5)

SQL> create table crct_answer(sid number(5), no number(5),foreign key(sid) references studentd(sid), foreign key(no) references ques(no));

Table created.

SQL> desc crct_answer;
Name          Null?    Type
-----
SID           NUMBER(5)
NO            NUMBER(5)

SQL> select * from tab;

TNAME          TABTYPE CLUSTERID
-----
ADMIN          TABLE
ANS           TABLE
AQ$DEF$_AQCALL   VIEW
AQ$DEF$_AQERROR  VIEW
class
```

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```
LOGIN
Run SQL Command Line
SQL> create table given_ques(sid number(5), no number(5),foreign key(sid) references studentd(sid), foreign key(no) references ques(no));
Table created.

SQL> desc given_ques;
Name          Null?    Type
-----        -----   -----
SID           NUMBER(5)
NO            NUMBER(5)

SQL> alter table ans add ansid number(5);
Table altered.

SQL> alter table ans add primary key(ansid);
Table altered.

SQL> desc ans;
Name          Null?    Type
-----        -----   -----
OPT1          CHAR(20)
OPT2          CHAR(20)
OPT3          CHAR(20)
OPT4          CHAR(20)
ANSID         NOT NULL NUMBER(5)
```

```
Run SQL Command Line
SQL> create table manage(sid number(5), aid number(5),foreign key(sid) references studentd(sid), foreign key(aid) references admin(aid));
Table created.

SQL> desc manage;
Name          Null?    Type
-----        -----   -----
SID           NUMBER(5)
AID          NUMBER(5)

SQL> create table given_ques(sid number(5), no number(5),foreign key(sid) references studentd(sid), foreign key(no) references ques(no));
Table created.

SQL> desc given_ques;
Name          Null?    Type
-----        -----   -----
SID           NUMBER(5)
NO            NUMBER(5)

SQL> alter table ans add ansid number(5);
Table altered.

SQL> alter table ans add primary key(ansid);
Table altered.
```

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**LOGIN**

Run SQL Command Line

```
ORA-00942: table or view does not exist

SQL> create table taught(sid number(5), tid number(5),foreign key(sid) references studentd(sid), foreign key(tid) references instructor(tid));
Table created.

SQL> desc taught;
Name          Null?    Type
-----        -----   -----
SID           NUMBER(5)
TID           NUMBER(5)

SQL> alter table taught add sub char(20);
Table altered.

SQL> desc taught;
Name          Null?    Type
-----        -----   -----
SID           NUMBER(5)
TID           NUMBER(5)
SUB           CHAR(20)

SQL> desc ques;
Name          Null?    Type
-----        -----   -----
NO            NOT NULL NUMBER(5)
QUES          CHAR(20)
```

**Run SQL Command Line**

```
Name          Null?    Type
-----        -----   -----
SID           NUMBER(5)
NO            NUMBER(5)

SQL> desc crct_ans;
ERROR:
ORA-04043: object crct_ans does not exist

SQL> desc crct_answer;
Name          Null?    Type
-----        -----   -----
SID           NUMBER(5)
NO            NUMBER(5)

SQL> desc taught;
Name          Null?    Type
-----        -----   -----
SID           NUMBER(5)
TID           NUMBER(5)
SUB           CHAR(20)

SQL> desc manage;
Name          Null?    Type
-----        -----   -----
SID           NUMBER(5)
AID          NUMBER(5)

SQL>
```

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```
Run SQL Command Line
ERROR:
ORA-04043: object crct_ans does not exist

SQL> desc crct_answer;
Name          Null?    Type
-----        -----    -----
SID           NUMBER(5)
NO            NUMBER(5)

SQL> desc taught;
Name          Null?    Type
-----        -----    -----
SID           NUMBER(5)
TID           NUMBER(5)
SUB           CHAR(20)

SQL> desc manage;
Name          Null?    Type
-----        -----    -----
SID           NUMBER(5)
AID           NUMBER(5)

SQL> desc given_ques;
Name          Null?    Type
-----        -----    -----
SID           NUMBER(5)
NO            NUMBER(5)
```

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#### **DML COMMANDS:**

```
Run SQL Command Line

SQL> insert into studentd values(&sid,'&sname','&sclass,&score,'&remarks');
Enter value for sid: 2
Enter value for sname: arjun
Enter value for sclass: 9
Enter value for score: 9
Enter value for remarks: excellent
old   1: insert into studentd values(&sid,'&sname','&sclass,&score,'&remarks')
new   1: insert into studentd values(2,'arjun',9,9,'excellent')

1 row created.

SQL> select * from studentd;
      SID SNAME        CLASS      SCORE REMARK
----- 1 renu          7           1 good
      2 arjun          9           9 excellent

SQL> /
      SID SNAME        CLASS      SCORE REMARK
----- 1 renu          7           1 good
      2 arjun          9           9 excellent

SQL> insert into studentd values(&sid,'&sname','&sclass,&score,'&remarks');
Enter value for sid: 3
Enter value for sname: gowtham
Enter value for sclass: 9
Enter value for score: 8
Enter value for remarks: can do better
old   1: insert into studentd values(&sid,'&sname','&sclass,&score,'&remarks')
new   1: insert into studentd values(3,'gowtham',9,8,'can do better')

1 row created.

SQL> /
Enter value for sid: 4
Enter value for sname: nikhil
Enter value for sclass: 9
Enter value for score: 10
Enter value for remarks: hard working
```

```
Run SQL Command Line

1 row created.

SQL> /
Enter value for sid: 5
Enter value for sname: aakanksha
Enter value for sclass: 9
Enter value for score: 10
Enter value for remarks: very good at academics
old   1: insert into studentd values(&sid,'&sname','&sclass,&score,'&remarks')
new   1: insert into studentd values(5,'aakanksha',9,10,'very good at academics')
insert into studentd values(5,'aakanksha',9,10,'very good at academics')
*
ERROR at line 1:
ORA-12899: value too large for column "SYSTEM"."STUDENTD"."REMARK" (actual: 22,
maximum: 20)

SQL> /
Enter value for sid: 5
Enter value for sname: aakanksha
Enter value for sclass: 9
Enter value for score: 10
Enter value for remarks: sincere
old   1: insert into studentd values(&sid,'&sname','&sclass,&score,'&remarks')
new   1: insert into studentd values(5,'aakanksha',9,10,'sincere')

1 row created.

SQL> select * from studentd;
      SID SNAME        CLASS      SCORE REMARK
----- 1 renu          7           1 good
      2 arjun          9           9 excellent
      3 gowtham        9           8 can do better
      4 nikhil          9           10 hard working
      5 aakanksha       9           10 sincere
```

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## **DBMS ASSIGNMENT-1**

```
Run SQL Command Line
1 row created.

SQL> /
Enter value for sid: 5
Enter value for sname: aakanksha
Enter value for sclass: 9
Enter value for score: 10
Enter value for remarks: very good at academics
old  1: insert into student values(&sid,'&sname',&sclass,&score,'&remarks')
new  1: insert into student values(5,'aakanksha',9,10,'very good at academics')
insert into student values(5,'aakanksha',9,10,'very good at academics')
*
ERROR at line 1:
ORA-12899: value too large for column "SYSTEM"."STUDENTD"."REMARK" (actual: 22,
maximum: 20)

SQL> /
Enter value for sid: 5
Enter value for sname: aakanksha
Enter value for sclass: 9
Enter value for score: 10
Enter value for remarks: sincere
old  1: insert into student values(&sid,'&sname',&sclass,&score,'&remarks')
new  1: insert into student values(5,'aakanksha',9,10,'sincere')

1 row created.

SQL> select * from studentd;
  SID SNAME      CLASS     SCORE REMARK
-----  -----
    1 renu          7       1 good
    2 arjun         9       9 excellent
    3 gowtham       9       8 can do better
    4 nikhil        9      10 hard working
    5 aakanksha     9      10 sincere

SQL>
```

```
Run SQL Command Line
ORA-00984: column not allowed here

SQL> insert into instructor values(&tid,'&tname',&class,'&sub',&exp);
Enter value for tid: 1
Enter value for tname: siresha
Enter value for class: 9
Enter value for sub: english
Enter value for exp: 4
old  1: insert into instructor values(&tid,'&tname',&class,'&sub',&exp)
new  1: insert into instructor values(1,'siresha',9,'english',4)

1 row created.

SQL> /
Enter value for tid: 2
Enter value for tname: daniel
Enter value for class: 9
Enter value for sub: maths
Enter value for exp: 3
old  1: insert into instructor values(&tid,'&tname',&class,'&sub',&exp)
new  1: insert into instructor values(2,'daniel',9,'maths',3)

1 row created.

SQL> /
Enter value for tid: 3
Enter value for tname: andy
Enter value for class: 7
Enter value for sub: english
Enter value for exp: 5
old  1: insert into instructor values(&tid,'&tname',&class,'&sub',&exp)
new  1: insert into instructor values(3,'andy',7,'english',5)

1 row created.

SQL> /
Enter value for tid: 4
Enter value for tname: rouster
Enter value for class: 9
Enter value for sub: physics
Enter value for exp: 5
old  1: insert into instructor values(&tid,'&tname',&class,'&sub',&exp)
new  1: insert into instructor values(4,'rouster',9,'physics',5)
```

# **TITLE:-PLICKER CARD IMPLEMENTATION**

## **DBMS ASSIGNMENT-1**

```
Run SQL Command Line
1 row created.

SQL> /
Enter value for tid: 4
Enter value for tname: rouser
Enter value for class: 9
Enter value for sub: physics
Enter value for exp: 5
old  1: insert into instructor values(&tid,'&tname',&class,'&sub',&exp)
new  1: insert into instructor values(4,'rouster',9,'physics',5)

1 row created.

SQL> /
Enter value for tid: 5
Enter value for tname: hendry
Enter value for class: 8
Enter value for sub: physics
Enter value for exp: 3
old  1: insert into instructor values(&tid,'&tname',&class,'&sub',&exp)
new  1: insert into instructor values(5,'hendry',8,'physics',3)

1 row created.

SQL> select * from instructor;
      TID    TNAME   TCLASS      SUB      EXP
----- 1 sreesha     9   english      4
      2 daniel       9   maths       3
      3 andy        7   english      5
      4 rouser       9   physics      5
      5 hendry       8   physics      3

SQL>
```

```
Run SQL Command Line
SQL> insert into admin values(&aid,'&aname');
Enter value for aid: 101
Enter value for aname: daniel
old  1: insert into admin values(&aid,'&aname')
new  1: insert into admin values(101,'daniel')

1 row created.

SQL> 2
SP2-0226: Invalid line number
SQL> /
Enter value for aid: 102
Enter value for aname: richard
old  1: insert into admin values(&aid,'&aname')
new  1: insert into admin values(102,'richard')

1 row created.

SQL> /
Enter value for aid: 103
Enter value for aname: hendry
old  1: insert into admin values(&aid,'&aname')
new  1: insert into admin values(103,'hendry')

1 row created.

SQL> /
Enter value for aid: 104
Enter value for aname: sam
old  1: insert into admin values(&aid,'&aname')
new  1: insert into admin values(104,'sam')

1 row created.

SQL> /
Enter value for aid: 105
Enter value for aname: edvard
old  1: insert into admin values(&aid,'&aname')
new  1: insert into admin values(105,'edvard')

1 row created.

SQL> select * from admin;
      AID    ANAME
----- 101   daniel
      102   richard
      103   hendry
      104   sam
      105   edvard
```

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## **DBMS ASSIGNMENT-1**

```
Run SQL Command Line
SQL> /
Enter value for no: 4
Enter value for ques: everyone in class(needs/need) to study
Enter value for marks: 2
old  1: insert into question values(&no,'&ques',&marks)
new  1: insert into question values(4,'everyone in class(needs/need) to study',2)

1 row created.

SQL> /
Enter value for no: 5
Enter value for ques: each of thw winners (receives/receive) a scholorship and a trophy
Enter value for marks: 2
old  1: insert into question values(&no,'&ques',&marks)
new  1: insert into question values(5,'each of thw winners (receives/receive) a scholorship and a trophy',2)

1 row created.

SQL> /
Enter value for no: 6
Enter value for ques: gcd of 56 and 32
Enter value for marks: 1
old  1: insert into question values(&no,'&ques',&marks)
new  1: insert into question values(6,'gcd of 56 and 32',1)

1 row created.

SQL> select * from question;
NO
-----
QUES
-----
MARKS
-----
      1
formula for kinetic energy
```

```
Run SQL Command Line
NO
-----
QUES
-----
MARKS
-----

NO
-----
QUES
-----
MARKS
-----
      4
      2
the number of zeros of x^2+4x+2

NO
-----
QUES
-----
MARKS
```

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```
Run SQL Command Line
NO
-----
QUES
-----
MARKS
-----
NO
-----
QUES
-----
MARKS
-----
4
3
if value of 104_96 is
NO
-----
QUES
-----
MARKS
-----
NO
-----
```

```
Run SQL Command Line
NO
-----
QUES
-----
MARKS
-----
4
4
NO
-----
QUES
-----
MARKS
-----
everyone in class(needs/need) to study
NO
-----
QUES
-----
MARKS
-----
2
NO
-----
```

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```
2
NO
-----
QUES
-----
MARKS
-----
5
each of the winners (receives/receive) a scholarship and a trophy

NO
-----
QUES
-----
MARKS
-----
NO
-----
QUES
-----
MARKS
-----
2
Type here to search  O E Mail WhatsApp Photos File Explorer Task View 3:36 PM 2/9/2020
```

```
NO
-----
QUES
-----
MARKS
-----
NO
-----
QUES
-----
MARKS
-----
2
6
gcd of 56 and 32

NO
-----
QUES
-----
MARKS
-----
Type here to search  O E Mail WhatsApp Photos File Explorer Task View 3:36 PM 2/9/2020
```

# **TITLE:-PLICKER CARD IMPLEMENTATION**

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```
Run SQL Command Line
-----
QUES
-----
MARKS
-----
1
6 rows selected.

SQL> INSERT INTO ANSWER VALUES(&ANSID,'&opt1','&opt2','&opt3','&opt4');
Enter value for ansid: 1
Enter value for opt1: mv^2
Enter value for opt2: mv
Enter value for opt3: mv^3
Enter value for opt4: 1/2mv^2
old  1: INSERT INTO ANSWER VALUES(&ANSID,'&opt1','&opt2','&opt3','&opt4')
new  1: INSERT INTO ANSWER VALUES(1,'mv^2','mv','mv^3','1/2mv^2')
INSERT INTO ANSWER VALUES(1,'mv^2','mv','mv^3','1/2mv^2')
*
ERROR at line 1:
ORA-01722: invalid number

SQL> desc answer;
Name          Null?    Type
-----        -----
OPT1          CHAR(20)
OPT2          CHAR(20)
OPT3          CHAR(20)
OPT4          CHAR(20)
ANSID         NOT NULL NUMBER(5)

SQL> INSERT INTO ANSWER VALUES(&ANSID,'&opt1','&opt2','&opt3','&opt4');
Enter value for ansid: mv^2
Enter value for opt1: desc answer;
Enter value for opt2:
Enter value for opt3:
Enter value for opt4:
old  1: INSERT INTO ANSWER VALUES(&ANSID,'&opt1','&opt2','&opt3','&opt4')
new  1: INSERT INTO ANSWER VALUES('mv^2','desc answer','','','')

Windows 10 Run SQL Command Line 7:08 PM 2/9/2020
```

```
Run SQL Command Line
-----
Enter value for opt4: sdcasdasd
Enter value for ansid: asdcas
old  1: INSERT INTO ANSWER VALUES('&opt1','&opt2','&opt3','&opt4',&ansid)
new  1: INSERT INTO ANSWER VALUES('needs','2dsd','dasdasdcc','sdcasdasd',asdcas)
INSERT INTO ANSWER VALUES('needs','2dsd','dasdasdcc','sdcasdasd',asdcas)
*
ERROR at line 1:
ORA-00984: column not allowed here

SQL> /
Enter value for opt1: 1
Enter value for opt2: 2
Enter value for opt3: 4
Enter value for opt4: 5
Enter value for ansid: 3
old  1: INSERT INTO ANSWER VALUES('&opt1','&opt2','&opt3','&opt4',&ansid)
new  1: INSERT INTO ANSWER VALUES( '1','2','4','5',3)

1 row created.

SQL> /
Enter value for opt1: needs
Enter value for opt2: need
Enter value for opt3: null
Enter value for opt4: null
Enter value for ansid: 4
old  1: INSERT INTO ANSWER VALUES('&opt1','&opt2','&opt3','&opt4',&ansid)
new  1: INSERT INTO ANSWER VALUES('needs','need','null','null',4)

1 row created.

SQL> /
Enter value for opt1: receives
Enter value for opt2: received
Enter value for opt3: null
Enter value for opt4: any thing is fine
Enter value for ansid: 5
old  1: INSERT INTO ANSWER VALUES('&opt1','&opt2','&opt3','&opt4',&ansid)
new  1: INSERT INTO ANSWER VALUES('receives','received','null','any thing is fine',5)

1 row created.

SQL> /
Windows 10 Run SQL Command Line 7:09 PM 2/9/2020
```

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Run SQL Command Line

```

1 row created.

SQL> /
Enter value for opt1: receives
Enter value for opt2: received
Enter value for opt3: null
Enter value for opt4: any thing is fine
Enter value for ansid: 5
old  1: INSERT INTO ANSWER  VALUES('&opt1','&opt2','&opt3','&opt4',&ansid)
new  1: INSERT INTO ANSWER  VALUES('receives','received','null','any thing is fine',5)

1 row created.

SQL> /
Enter value for opt1: 2
Enter value for opt2: 4
Enter value for opt3: 6
Enter value for opt4: 7
Enter value for ansid: 6
old  1: INSERT INTO ANSWER  VALUES('&opt1','&opt2','&opt3','&opt4',&ansid)
new  1: INSERT INTO ANSWER  VALUES('2','4','6','7',6)

1 row created.

SQL> select * from answer;
OPT1          OPT2          OPT3
-----        -----
OPT4          ANSID
-----
m            v            mv
mv^2          1            1
2            1            7
5            2            4
1            3            4
5

OPT1          OPT2          OPT3
-----        -----
OPT4          ANSID
-----
```

Type here to search      7:09 PM 2/9/2020

Run SQL Command Line

```

Enter value for opt1: 2
Enter value for opt2: 4
Enter value for opt3: 6
Enter value for opt4: 7
Enter value for ansid: 6
old  1: INSERT INTO ANSWER  VALUES('&opt1','&opt2','&opt3','&opt4',&ansid)
new  1: INSERT INTO ANSWER  VALUES('2','4','6','7',6)

1 row created.

SQL> select * from answer;
OPT1          OPT2          OPT3
-----        -----
OPT4          ANSID
-----
m            v            mv
mv^2          1            1
2            1            7
5            2            4
1            3            4
5

OPT1          OPT2          OPT3
-----        -----
OPT4          ANSID
-----
needs         need         null
null          4            null
receives      received     null
any thing is fine  5            null
2            4            6
7

6 rows selected.

SQL>
```

Type here to search      7:09 PM 2/9/2020

# **TITLE:-PLICKER CARD IMPLEMENTATION**

## **DBMS ASSIGNMENT-1**

```
SQL*Plus: Release 11.2.0.1.0 Production on Fri Sep 25 15:27:27 2020
Copyright (c) 1982, 2005, Oracle.  All rights reserved.

Select Run SQL Command Line

SQL> insert into given_ques values(&sid,&no);
Enter value for sid: 1
Enter value for no: 1
old   1: insert into given_ques values(&sid,&no)
new   1: insert into given_ques values(1,1)

1 row created.

SQL> /
Enter value for sid: 1
Enter value for no: 2
old   1: insert into given_ques values(&sid,&no)
new   1: insert into given_ques values(1,2)

1 row created.

SQL> 1
  1* insert into given_ques values(&sid,&no)
SQL> 3
SP2-0226: Invalid line number
SQL> /
Enter value for sid: 1
Enter value for no: 3
old   1: insert into given_ques values(&sid,&no)
new   1: insert into given_ques values(1,3)

1 row created.

SQL> /
Enter value for sid: 1
Enter value for no: 4
old   1: insert into given_ques values(&sid,&no)
new   1: insert into given_ques values(1,4)

1 row created.

SQL> /
Enter value for sid: 1
Enter value for no: 5
old   1: insert into given_ques values(&sid,&no)
new   1: insert into given_ques values(1,5)

1 row created.

Type here to search  0  e  m  s  w  i  n  ?  7:27 PM  2/9/2020
```

```
SQL*Plus: Release 11.2.0.1.0 Production on Fri Sep 25 15:27:27 2020
Copyright (c) 1982, 2005, Oracle.  All rights reserved.

Select Run SQL Command Line

1 row created.

SQL> select * from given_ques;
-----+
  SID      NO
-----+
    1        1
    1        2
    1        3
    1        4
    1        5

SQL> select * from given_ques;
-----+
  SID      NO
-----+
    1        1
    1        2
    1        3
    1        4
    1        5

SQL> insert into given_ques values(&sid,&tid);
Enter value for sid: 2
Enter value for tid: 1
old   1: insert into given_ques values(&sid,&tid)
new   1: insert into given_ques values(2,1)

1 row created.

SQL> /
Enter value for sid: 2
Enter value for tid: 2
old   1: insert into given_ques values(&sid,&tid)
new   1: insert into given_ques values(2,2)

1 row created.

SQL> /
Enter value for sid: 2
Enter value for tid: 3
old   1: insert into given_ques values(&sid,&tid)
new   1: insert into given_ques values(2,3)

Type here to search  0  e  m  s  w  i  n  ?  7:27 PM  2/9/2020
```

# **TITLE:-PLICKER CARD IMPLEMENTATION**

## **DBMS ASSIGNMENT-1**

```
Run SQL Command Line
SQL> /
Enter value for sid: 2
Enter value for tid: 3
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(2,3)

1 row created.

SQL> /
Enter value for sid: 2
Enter value for tid: 4
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(2,4)

1 row created.

SQL> /
Enter value for sid: 2
Enter value for tid: 5
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(2,5)

1 row created.

SQL> /
Enter value for sid: 3
Enter value for tid: 1
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(3,1)

1 row created.

SQL> /
Enter value for sid: 3
Enter value for tid: 4
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(3,4)

1 row created.

SQL> /
Enter value for sid: 3
Enter value for tid: 5
Windows Taskbar Type here to search  O E Mail Photos Maps News Photos 7:27 PM 2/9/2020
```

```
Run SQL Command Line
1 row created.

SQL> /
Enter value for sid: 5
Enter value for tid: 1
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(5,1)

1 row created.

SQL> /
Enter value for sid: 5
Enter value for tid: 2
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(5,2)

1 row created.

SQL> /
Enter value for sid: 5
Enter value for tid: 2
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(5,2)

1 row created.

SQL> /
Enter value for sid: 5
Enter value for tid: 3
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(5,3)

1 row created.

SQL> /
Enter value for sid: 5
Enter value for tid: 4
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(5,4)

1 row created.

SQL> /
Windows Taskbar Type here to search  O E Mail Photos Maps News Photos 7:28 PM 2/9/2020
```

# **TITLE:-PLICKER CARD IMPLEMENTATION**

## **DBMS ASSIGNMENT-1**

```
Run SQL Command Line
1 row created.

SQL> /
Enter value for sid: 5
Enter value for tid: 5
old  1: insert into given_ques values(&sid,&tid)
new  1: insert into given_ques values(5,5)

1 row created.

SQL> select * from given_ques;
-----  -----
SID      NO
-----  -----
1        1
1        2
1        3
1        4
1        5
2        1
2        2
2        3
2        4
2        5
3        1
-----  -----
3        4
3        5
4        1
4        2
4        5
5        1
5        2
5        3
5        4
5        5

22 rows selected.

SQL>
```

Windows taskbar at the bottom showing various icons and the date/time: 7:28 PM 2/9/2020.

```
Run SQL Command Line
SQL> desc taught;
Name          Null?    Type
-----  -----
SID           NUMBER(5)
TID           NUMBER(5)
SUB           CHAR(20)

SQL> insert into taught values(&sid,&tid,'&sub');
Enter value for sid: 1
Enter value for tid: 1
Enter value for sub: english
old  1: insert into taught values(&sid,&tid,'&sub')
new  1: insert into taught values(1,1,'english')

1 row created.

SQL> /
Enter value for sid: 1
Enter value for tid: 3
Enter value for sub: physics
old  1: insert into taught values(&sid,&tid,'&sub')
new  1: insert into taught values(1,3,'physics')

1 row created.

SQL> /
Enter value for sid: 2
Enter value for tid: 4
Enter value for sub: physics
old  1: insert into taught values(&sid,&tid,'&sub')
new  1: insert into taught values(2,4,'physics')

1 row created.

SQL> /
Enter value for sid: 3
Enter value for tid: 1
Enter value for sub: english
old  1: insert into taught values(&sid,&tid,'&sub')
new  1: insert into taught values(3,1,'english')

1 row created.

SQL>
```

Windows taskbar at the bottom showing various icons and the date/time: 7:38 PM 2/9/2020.

# **TITLE:-PLICKER CARD IMPLEMENTATION**

## **DBMS ASSIGNMENT-1**

```
Run SQL Command Line
SQL> /
Enter value for sid: 2
Enter value for tid: 4
Enter value for sub: physics
old  1: insert into taught values(&sid,&tid,'&sub')
new  1: insert into taught values(2,4,'physics')

1 row created.

SQL> /
Enter value for sid: 3
Enter value for tid: 1
Enter value for sub: english
old  1: insert into taught values(&sid,&tid,'&sub')
new  1: insert into taught values(3,1,'english')

1 row created.

SQL> /
Enter value for sid: 4
Enter value for tid: 4
Enter value for sub: maths
old  1: insert into taught values(&sid,&tid,'&sub')
new  1: insert into taught values(4,4,'maths')

1 row created.

SQL> select * from taught;
   SID      TID SUB
----- 
    1          1 english
    1          3 physics
    2          4 physics
    3          1 english
    4          4 maths

SQL>
```

```
Run SQL Command Line
SQL> insert into manage values(&sid,&aid);
Enter value for sid: 1
Enter value for aid: 101
old  1: insert into manage values(&sid,&aid)
new  1: insert into manage values(1,101)

1 row created.

SQL> /
Enter value for sid: 1
Enter value for aid: 102
old  1: insert into manage values(&sid,&aid)
new  1: insert into manage values(1,102)

1 row created.

SQL> /
Enter value for sid: 2
Enter value for aid: 103
old  1: insert into manage values(&sid,&aid)
new  1: insert into manage values(2,103)

1 row created.

SQL> /
Enter value for sid: 4
Enter value for aid: 101
old  1: insert into manage values(&sid,&aid)
new  1: insert into manage values(4,101)

1 row created.

SQL> /
Enter value for sid: 5
Enter value for aid: 105
old  1: insert into manage values(&sid,&aid)
new  1: insert into manage values(5,105)

1 row created.

SQL> select * from manage;
   SID      AID
----- 
    1          101
    1          102
    2          103
    4          101
    5          105

SQL>
```

# **TITLE:-PLICKER CARD IMPLEMENTATION**

## **DBMS ASSIGNMENT-1**

```
Run SQL Command Line
SQL> /
Enter value for sid: 5
Enter value for aid: 105
old  1: insert into manage values(&sid,&aid)
new  1: insert into manage values(5,105)

1 row created.

SQL> select * from manage;
      SID      AID
----- -----
      1        101
      1        102
      2        103
      4        101
      5        105

SQL> insert into manage values(&sid,&aid);
Enter value for sid: 3
Enter value for aid: 104
old  1: insert into manage values(&sid,&aid)
new  1: insert into manage values(3,104)

1 row created.

SQL> select * from manage;
      SID      AID
----- -----
      1        101
      1        102
      2        103
      4        101
      5        105
      3        104

6 rows selected.

SQL>
```

```
Run SQL Command Line
1 row created.

SQL> /
Enter value for sid: 4
Enter value for no: 5
old  1: insert into crct_answer values(&sid,&no)
new  1: insert into crct_answer values(4,5)

1 row created.

SQL> /
Enter value for sid: 3
Enter value for no: 2
old  1: insert into crct_answer values(&sid,&no)
new  1: insert into crct_answer values(3,2)

1 row created.

SQL> /
Enter value for sid: 3
Enter value for no: 1
old  1: insert into crct_answer values(&sid,&no)
new  1: insert into crct_answer values(3,1)

1 row created.

SQL> select * from crct_answer;
      SID      NO
----- -----
      1        1
      1        3
      1        4
      2        5
      1        5
      4        5
      3        2
      3        1

8 rows selected.

SQL>
```