

TITLE :PLICKER CARD IMPLEMENTATION

DBMS ASSIGNMENT 1

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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

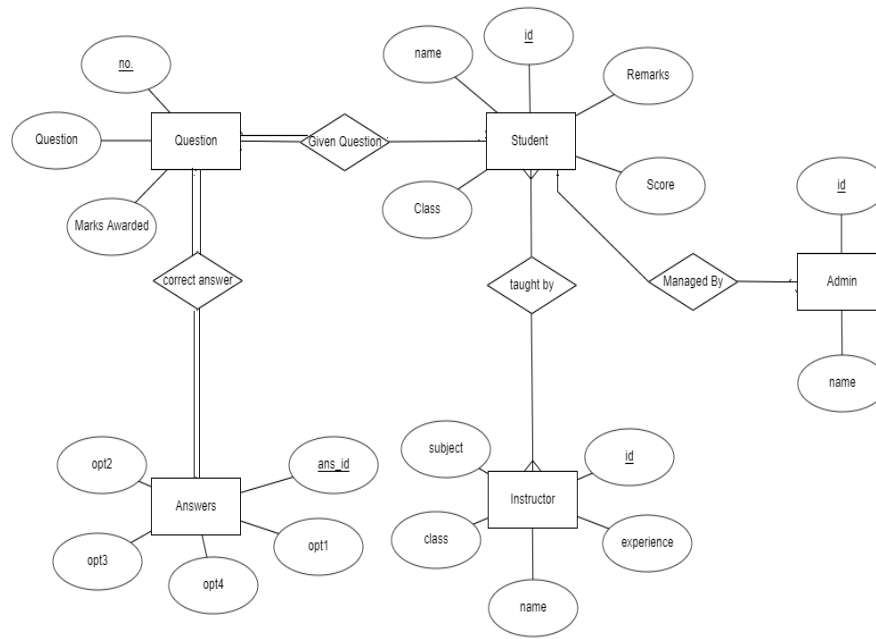
*Student details (many) given_ques question(many)-total
participation*

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

SQL> alter table instuctor 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;
Null? Type
-----
SID      NOT NULL NUMBER(5)
SNAME    CHAR(20)
CLASS    VARCHAR2(10)
SCORE    NUMBER(5)
REMARK    CHAR(20)

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

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

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

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

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

```
Run SQL Command Line

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

SQL> desc given_ques;
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) re
ferences ques(no));
Table created.

SQL> desc crct_answer;
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
```

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```
LOGIN
Run SQL Command Line

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.

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

QL> create table manage(sid number(5), aid number(5),foreign key(sid) references studentd(sid), foreign key(aid) references admin(aid));

Table created.

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

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

Table created.

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

QL> alter table ans add ansid number(5);

Table altered.

QL> 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) referen
ences 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)
```

```
LOGIN
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,&class,&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,&class,&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,&class,&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,&class,&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,&class,&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,&class,&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

SQL>
```

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```
Run SQL Command Line
1 row created.

SQL> /
Enter value for sid: 5
Enter value for sname: aakanksha
Enter value for class: 9
Enter value for score: 10
Enter value for remarks: very good at academics
old 1: insert into studentd values(&sid,&sname,&class,&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 class: 9
Enter value for score: 10
Enter value for remarks: sincere
old 1: insert into studentd values(&sid,&sname,&class,&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 nikhill      9         10  hard working
    5 aakanksha    9         10    sincere

SQL>
```

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

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

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```
Run SQL Command Line
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)

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 sireesha      9  english    4
    2 daniel        9  maths     3
    3 andy           7  english    5
    4 rouster        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;
```

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```
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
-----
QUES
-----
MARKS
-----
```

```
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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```
Run SQL Command Line

2
NO
-----
QUES
-----
MARKS
-----

5
each of the winners (receives/receive) a scholarship and a trophy

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

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

2
```

```
Run SQL Command Line

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

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

2
6
gcd of 56 and 32

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


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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;', '', '', '')
*
```

```
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', 'dasdasdce', 'sdcasdasd', asdcas)
INSERT INTO ANSWER VALUES('needs', '2dsd', 'dasdasdce', '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> /
```

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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         7
2         1         2
5         2         3
1         2         4
5         3         4

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

```

```

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         7
2         1         2
5         2         3
1         2         4
5         3         4

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        6

6 rows selected.

SQL>

```

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```
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.
```

```
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)
```

TITLE:-PLICKER CARD IMPLIMENTATION

DBMS ASSIGNMENT-1

```
Select 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
```

```
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> /
```

TITLE:-PLICKER CARD IMPLIMENTATION

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

   SID      NO
-----
3      4
3      5
4      1
4      2
4      5
5      1
5      2
5      2
5      3
5      4
5      5

22 rows selected.

SQL>
```

```
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.
```

TITLE:-PLICKER CARD IMPLIMENTATION

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 IMPLIMENTATION

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>
```