:

(   )

.

Locate :

:

Locate ('FieldName',SearchValue,Option) ;

FieldName : .

SearchValue : .

Option : :

Option = [loCaseInsensitive] ,

Option = [loPartiaKey] ; "   "   "   "

"   "

Option = [loCaseInsensitive , loPartiaKey];

Option = [ ];

False   True

.

:

Edit   Button   DbGrid   DataSorce   Table

: DBGrid   Travel   Passengers

:

If Table1.Locate('Pname',Edit1.Text , [locaseinsensitive,lopartialkey]) Then
Showmessage(' The record is found ') Else
Showmessage (' There is no match , Try Another Value ');

.   PName   Edit1

"   "   )

loPartialKey   ("   "

.

111

(ahmed   Ahmed   )

loCaseInsensitive   ….

Locate   :

(   )

Locate   :

Locate ('FieldName1; FieldName2; FieldName3',VarArrayOf ([SearchValue1,
SearchValue2, SearchValue3]),Option) ;

Edit2   :   :

```
if table1.Locate('pname;Nationalty',vararrayof([ edit1.Text,Edit2.text]) , [
locaseinsensitive , lopartialkey ] ) then
Showmessage('the record is found') else
 Showmessage ( 'there is no match , Try Anther Value' );
```

VarArrayOf   . Variant

:

SearchValue   Long   Integer   Short

:

```
if table1.Locate('PNo;Nationalty',vararrayof([ strtoint(edit1.Text),Edit2.text])
,[locaseinsensitive,lopartialkey]) then
Showmessage('the record is found') else
Showmessage ( 'there is no match , Try Anther Value' );
```

Lookup :   2

:

:   :

```
var LookupResult : Variant;
begin
lookupResult := Table1.Lookup('Pno',strtoint(edit1.Text ),'Pname;Nationalty');
if Not VarIsnull( lookupResult) then
Showmessage(vartostr(lookupresult[0]) + '  ' + vartostr(lookupresult[1] ) );
```

Variant   Edit1

VarIsNull   Null   Lookup

. Variant

VarToStr   variant   .

:

1   Lookup

:

```
lookupResult := Table1.Lookup('Pno;Pname',VarArrayof
([strtoint(edit1.Text),Edit2.text]),'PName;Nationalty');
```

2   Locate   lookup

(

)

(.

FindKey :

Findkey

:   :

```
If not Table1.FindKey( [ Strtoint ( edit1.text)]) Then
Showmessage ( 'the Record is not Found');
```

PNo   (   )

Edit   True

False

IndexName   Table

.

:   Table1   IndexName   PNameIndex (

Desktop Database)   DbGrid

PName .

:

```
If not Table1.FindKey([edit1.text]) then
Showmessage ( 'the Record is not Found');
```

…..

FindKey   :

```
TableName.FindKey ( [ SearchValue1,SearchValue2 ,…,SearchValue3]) ;
```

:   "   "   : Table1.FindKey([2,3])

2   4 .

4   **FindNearest** :

(True   False)

:

:

Table1.FindNearest ([edit1.text]);

Edit1   " "

" "   " "   " "   " "   " "   ."

(   ) Filter :

.

Filter   Table   Filter   True .

:

:   …

Table   DataSource   DBGrid   Button

Trips   DBGrid1   .

Filtered   Table1   True   Filter   :

GoFrom = '   '

Filtered   False .

Filter

Gofrom = '   ' and Arriveto = '   '

(Filter   True)

… :

(Gofrom = '   ' Or GoFrom = '   ') and Arriveto = '   '

" "

Gofrom ='   *'

10   :   Filter   :

CardCount > 10

114

:

True   Filtered

:   10

Table1.Filter := ' CardCount > 10 '

:   Edit

Table1.Filter := ' CardCount > '+ edit1.Text ;

…   Edit1

:

Table1.Filter := 'GoFrom = '+ Quotedstr(edit1.Text) ;

) = '   '   Quotedstr

Quotedstr (

…

: Table

Table   :

Table1.Active := true	**Table1.open**	: Open	1
			.
Table1.Active :=	**Table1.Close**	: Close	2
False .			
.	Table1.First	: First	3
.	Table1.Last	: Last	4
.	**Table1.Next**	: Next	5
.	**Table1.Prior**	: Prior	6
)	**Table1.MoveBy(5)**	: MoveBy(x)	7
.(**X**			
.	**True**	: Bof	8
.	**True**	: Eof	9
.		: RecordCount	10
.		: RecNo	11
..		: Delete	12

:

:

1   DataBase Desktop:

1   Writer :

* Wno	WName	Wadress
1		
2		

2   Publisher :

* PubNo	PubName	PubAdr

3   :

BookNo	Book	WNo	PubNo	Edate

2   .

3   .

4   .

5

6   .