

Loto – Corrigé :

```
unit Unit1;
```

```
interface
```

```
uses
```

```
Windows, Messages, SysUtils, Classes, Graphics, Controls, Forms, Dialogs,  
Grids, StdCtrls;
```

```
type
```

```
TForm1 = class(TForm)  
  grille: TStringGrid;  
  Label1: TLabel;  
  lbTir: TListBox;  
  Label2: TLabel;  
  lbChoix: TListBox;  
  Label3: TLabel;  
  Label4: TLabel;  
  RemplirGrille: TButton;  
  LireGrille: TButton;  
  ComparerListes: TButton;  
  Arret: TButton;  
  TirageLotto: TButton;  
  procedure RemplirGrilleClick(Sender: TObject);  
  procedure ArretClick(Sender: TObject);  
  procedure LireGrilleClick(Sender: TObject);  
  procedure TirageLottoClick(Sender: TObject);  
  procedure ComparerListesClick(Sender: TObject);  
  private  
    { Private declarations }  
  public  
    { Public declarations }  
end;
```

```
var
```

```
Form1: TForm1;
```

```
implementation
```

```
{ $R *.DFM }
```

```
procedure TForm1.RemplirGrilleClick(Sender: TObject);
```

```
var i,j:integer;
```

```
begin
```

```
For i:=0 to 6 do
```

```
for j:= 0 to 6 do
```

```
grille.cells[i,j]:=inttostr(i+7*j+1)
```

```
end;
```

```
procedure TForm1.LireGrilleClick(Sender: TObject);
```

```
var i,j:integer;
```

```
begin
```

```
lbChoix.clear;
```

```
for j:=0 to 6 do
```

```
for i:=0 to 6 do
```

```
if grille.cells[i,j]= '' then lbChoix.items.append(inttostr(i+7*j+1))
```

```
end;
```

```

procedure TForm1.TirageLottoClick(Sender: TObject);
var i,j,tir:integer;
    distinct:boolean;
begin
randomize;
lbTir.clear;
i:=0;
while i < 6 do
    begin
        tir:=random(49)+1;
        distinct:=true;
        for j := 0 to i-1 do
            if lbTir.items[j]=inttostr(tir) then distinct:=false;
        if distinct then
            begin
                lbTir.items.append(inttostr(tir));
                i:=i+1
            end
        end
    end;

procedure TForm1.ComparerListesClick(Sender: TObject);
var i,j,count:integer;
begin
count:=0;
for i:= 0 to 5 do
for j:= 0 to 5 do
if lbTir.items[i]=lbChoix.items[j] then count:=count+1;

label4.caption:=inttostr(count)
end;

procedure TForm1.ArretClick(Sender: TObject);
begin
application.terminate
end;

end.

```