unit Unit1;

interface

uses

Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,

Dialogs, StdCtrls, Menus;

type

TForm1 = class(TForm)

Memo1: TMemo;

Label1: TLabel;

Label\_B: TLabel;

Memo\_B: TMemo;

Label\_K: TLabel;

Memo\_K: TMemo;

Edit\_V: TEdit;

Button\_V: TButton;

Button\_N: TButton;

Label2: TLabel;

MainMenu: TMainMenu;

bfd1: TMenuItem;

N\_Exit: TMenuItem;

Label3: TLabel;

procedure FormCreate(Sender: TObject);

procedure Button\_NClick(Sender: TObject);

procedure Button\_VClick(Sender: TObject);

procedure N\_ExitClick(Sender: TObject);

procedure bfd1Click(Sender: TObject);

procedure Memo1KeyPress(Sender: TObject; var Key: Char);

procedure Memo\_BKeyPress(Sender: TObject; var Key: Char);

procedure Memo\_KKeyPress(Sender: TObject; var Key: Char);

private

{ Private declarations }

public

{ Public declarations }

end;

var

Form1: TForm1;

C :Array [1..4] of integer;

CI :array [1..4] of integer;

implementation

uses Unit2;

{$R \*.dfm}

procedure TForm1.FormCreate(Sender: TObject);

begin

Button\_N.Click;

end;

procedure TForm1.Button\_NClick(Sender: TObject);

var

i, i2 :Integer;

p :Boolean;

begin

Memo1.Clear;

Memo\_B.Clear;

Memo\_K.Clear;

Edit\_V.Clear;

Label2.Caption := '';

Label3.Caption := '';

Button\_V.Enabled := True;

Randomize;

repeat

p := True;

C[1] := Random(10);

while C[1] = 0 do C[1] := Random(10);

for i := 2 to 4 do C[i] := Random(10);

for i := 1 to 3 do

for i2 := i+1 to 4 do if C[i] = C[i2] then p := false;

until p = true;

for i := 1 to 4 do Label3.Caption := Label3.Caption + IntToStr(C[i]);

end;

procedure TForm1.Button\_VClick(Sender: TObject);

var

CE, i, i2, kk, kb :Integer;

begin

kk := 0;

kb := 0;

if (StrToInt(Edit\_V.Text) < 1000) or (10000 <= StrToInt(Edit\_V.Text))

then begin

Edit\_V.Text := 'Îøèáêà';

Exit;

end;

CE := StrToInt(Edit\_V.Text);

Memo1.Lines.Add(IntToStr(CE));

i := 4;

repeat

CI[i] := CE mod 10;

CE := CE div 10;

Dec(i);

until CE <= 0;

for i := 1 to 4 do begin

if C[i] = CI[i] then Inc(kb);

end;

Memo\_B.Lines.Add(IntToStr(kb));

for i := 1 to 4 do begin

for i2 := 1 to 4 do begin

if (C[i] = CI[i2]) and (i <> i2) then Inc(kk);

end;

end;

Memo\_K.Lines.Add(inttostr(kk));

if kb = 4 then begin

Label2.Caption := 'Âû ïîáåäèëè.';

Button\_V.Enabled := False;

end;

end;

procedure TForm1.N\_ExitClick(Sender: TObject);

begin

Form1.Close;

end;

procedure TForm1.bfd1Click(Sender: TObject);

begin

Form2.Visible := True;

end;

procedure TForm1.Memo1KeyPress(Sender: TObject; var Key: Char);

begin

Key := #0;

end;

procedure TForm1.Memo\_BKeyPress(Sender: TObject; var Key: Char);

begin

Key := #0;

end;

procedure TForm1.Memo\_KKeyPress(Sender: TObject; var Key: Char);

begin

Key := #0;

end;

end.

-----------------------------------------------------------------------------

unit Unit2;

interface

uses

Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,

Dialogs, StdCtrls;

type

TForm2 = class(TForm)

Memo1: TMemo;

Button\_E: TButton;

procedure Button\_EClick(Sender: TObject);

procedure Memo1KeyPress(Sender: TObject; var Key: Char);

private

{ Private declarations }

public

{ Public declarations }

end;

var

Form2: TForm2;

implementation

{$R \*.dfm}

procedure TForm2.Button\_EClick(Sender: TObject);

begin

Form2.Visible := False;

end;

procedure TForm2.Memo1KeyPress(Sender: TObject; var Key: Char);

begin

Key := #0;

end;

end.

