**St. Xavier’s College**

**(Affiliated to Tribhuvan University)**

**Maitighar, Kathmandu**



**COMPUTER GRAPHICS**

**LAB ASSIGNMENT #1**

**TO DRAW THE GIVEN CHECKBOX**

**Submitted By**

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**Submitted To**

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TO DRAW A CHECKBOX.

SOURCE CODE:

//---------------------------------------------------------------------------

#include <vcl\vcl.h>

#pragma hdrstop

#include "Unit1.h"

//---------------------------------------------------------------------------

#pragma resource "\*.dfm"

TForm1 \*Form1;

//---------------------------------------------------------------------------

\_\_fastcall TForm1::TForm1(TComponent\* Owner)

: TForm(Owner)

{

}

//---------------------------------------------------------------------------

void \_\_fastcall TForm1::Button1Click(TObject \*Sender)

{

Image1->Canvas->Pen->Width=3;

Image1->Canvas->Brush->Color=clRed;

Image1->Canvas->Rectangle(10,10,200,200);

Image1->Canvas->MoveTo(10,10);

Image1->Canvas->LineTo(200,200);

Image1->Canvas->MoveTo(200,10);

Image1->Canvas->LineTo(10,200);

Image1->Canvas->MoveTo(105,10);

Image1->Canvas->LineTo(105,200);

Image1->Canvas->MoveTo(10,105);

Image1->Canvas->LineTo(200,105);

Image1->Canvas->MoveTo(57.5,10);

Image1->Canvas->LineTo(57.5,200);

Image1->Canvas->MoveTo(152.5,10);

Image1->Canvas->LineTo(152.5,200);

Image1->Canvas->MoveTo(10,57.5);

Image1->Canvas->LineTo(200,57.5);

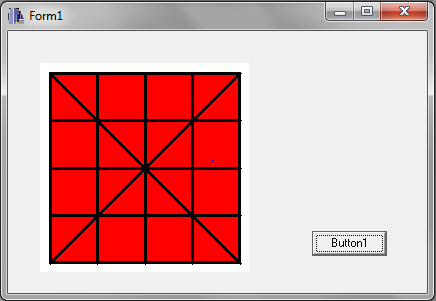
Image1->Canvas->MoveTo(10,152.5);

Image1->Canvas->LineTo(200,152.5);

}

//---------------------------------------

OUTPUT:



Conclusion:

Hence, checkbox can be drawn by using c++ builder, a computer graphics software which is easy to implement.

REFERENCE:

<http://www.embarcadero.com/products/cbuilder>