**ST. XAVIER’S COLLEGE**

**(Affiliated to Tribhuvan University)**

Maitighar, Kathmandu



**Computer Graphics**

**LAB ASSIGNMENT#1**

**Submitted by:**

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**Submitted to:**

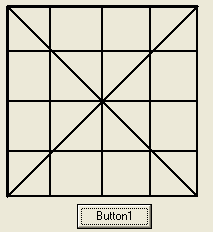
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| --- | --- |
| **Er. Anil Sah** |  |

Lecturer

Department of Computer Science

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**Assignment 1: WAP To Draw the following Checkbox using C++**



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

#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)

{

Form1->Canvas->MoveTo(10,10);

Form1->Canvas->LineTo(200,200);

Form1->Canvas->MoveTo(10,10);

Form1->Canvas->LineTo(10,200);

Form1->Canvas->MoveTo(10,10);

Form1->Canvas->LineTo(200,10);

Form1->Canvas->MoveTo(10,200);

Form1->Canvas->LineTo(200,200);

Form1->Canvas->MoveTo(10,200);

Form1->Canvas->LineTo(200,10);

Form1->Canvas->MoveTo(200,10);

Form1->Canvas->LineTo(200,200);

Form1->Canvas->MoveTo(55,10);

Form1->Canvas->LineTo(55,200);

Form1->Canvas->MoveTo(105,10);

Form1->Canvas->LineTo(105,200);

Form1->Canvas->MoveTo(155,10);

Form1->Canvas->LineTo(155,200);

Form1->Canvas->MoveTo(10,155);

Form1->Canvas->LineTo(200,155);

Form1->Canvas->MoveTo(10,55);

Form1->Canvas->LineTo(200,55);

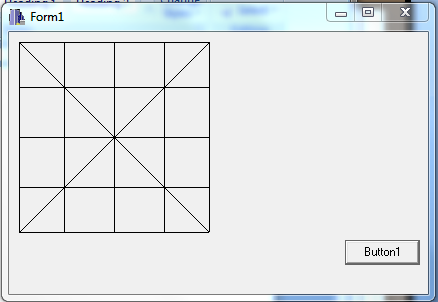
Form1->Canvas->MoveTo(10,105);

Form1->Canvas->LineTo(200,105);

}

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

**Output:**

****