**ST. XAVIER’S COLLEGE**

**MAITIGHAR, KATHMANDU**

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**Computer Graphics**

**Lab Assignment #6**

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**LAB ASSIGNMENT#1**

**STATEMENT:**

**A PROGRAM TO DRAW THE CHECKBOX**

**SOURCE CODE:**

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

#include <vcl\vcl.h>

#pragma hdrstop

#include "grid.h"

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

#pragma resource "\*.dfm"

TForm1 \*Form1;

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

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

: TForm(Owner)

{

}

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

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

{

// to draw rectangle

Form1->Canvas->Pen->Width=3;

Form1->Canvas->Brush->Color=clRed;

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

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

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

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

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

Form1->Canvas->MoveTo(10,57.5);

Form1->Canvas->LineTo(200,57.5);

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

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

Form1->Canvas->MoveTo(10,152.5);

Form1->Canvas->LineTo(200,152.5);

Form1->Canvas->MoveTo(57.5,10);

Form1->Canvas->LineTo(57.5,200);

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

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

Form1->Canvas->MoveTo(152.5,10);

Form1->Canvas->LineTo(152.5,200);

}

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

**OUTPUT:**

