ST. XAVIER’S COLLEGE

**Maitighar,Kathmandu**

**(Affiliated to Tribhuvan University)**

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**Computer graphics**

**Lab Assignment #8**

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Year II/III Semester

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**Source codes :**

**//---------------------------------------------------------------------------**

**#include <vcl\vcl.h>**

**#pragma hdrstop**

**#include "reflect.h"**

**//---------------------------------------------------------------------------**

**#pragma resource "\*.dfm"**

**TForm1 \*Form1; int i,j;**

**//---------------------------------------------------------------------------**

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

**: TForm(Owner)**

**{**

**}**

**//---------------------------------------------------------------------------**

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

**{**

**int x=Image1->Height;**

**int y=Image1->Width;**

**for(i=0;i<=x;i++)**

**{**

**for(j=0;j<=y;j++)**

**{**

**int a =x-i;**

**int b= j;**

**Image2->Canvas->Pixels[a][b] = Image1->Canvas->Pixels[i][j];**

**}**

**}**

**}**

**//---------------------------------------------------------------------------**

**void \_\_fastcall TForm1::Button2Click(TObject \*Sender)**

**{**

**int x=Image1->Height;**

**int y=Image1->Width;**

**for(i=0;i<=x;i++)**

**{**

**for(j=0;j<=y;j++)**

**{**

**int a =i;**

**int b= y-j;**

**Image2->Canvas->Pixels[a][b] = Image1->Canvas->Pixels[i][j];**

**}**

**}**

**}**

**//---------------------------------------------------------------------------**

Output :



