Sonargaon University

Department of Computer Science and Engineering

Assignment 1

Course Title: **Computer Graphics Sessional**

Course Code: CSE414

Date of Submission: 24/09/25

Submitted By	Submitted To
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Code

[*] 2ndAssig.cpp

```cpp
#include <graphics.h>

int main() {

    int gd = DETECT, gm;
    initgraph(&gd, &gm, "");

    int x = getmaxx();
    int y = getmaxy();

    rectangle(50, 50, x - 50, y - 50);

    int midx = (50 + (x - 50)) / 2;
    int midy = (50 + (y - 50)) / 2;

    line(50, midy, x - 50, midy);
    line(midx, 50, midx, y - 50);

    line(50, 50, x - 50, y - 50);
    line(50, y - 50, x - 50, 50);

    outtextxy(200, 20, "Name: Tofayel Ahamd Tofo");

    getch();
    closegraph();
    return 0;
}
```

Output

2ndAssig.cpp

```
#include <graphics.h>

int main() {

    int gd = DETECT, gm;
    initgraph(&gd, &gm, "");

    int x = getmaxx();
    int y = getmaxy();

    rectangle(50, 50, x - 50, y - 50);

    int midx = (50 + (x - 50)) / 2;
    int midy = (50 + (y - 50)) / 2;

    line(50, midy, x - 50, midy);
    line(midx, 50, midx, y - 50);

    line(50, 50, x - 50, y - 50);
    line(50, y - 50, x - 50, 50);

    outtextxy(200, 20, "Name: Tofaye
    getch();
    closegraph();
    return 0;
}
```