



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম  
الجامعة الإسلامية العالمية شيتاغونغ  
International Islamic University Chittagong

## Department of Computer Science &Engineering(CSE)

### LAB - 1

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Course Title : Computer Graphics Lab

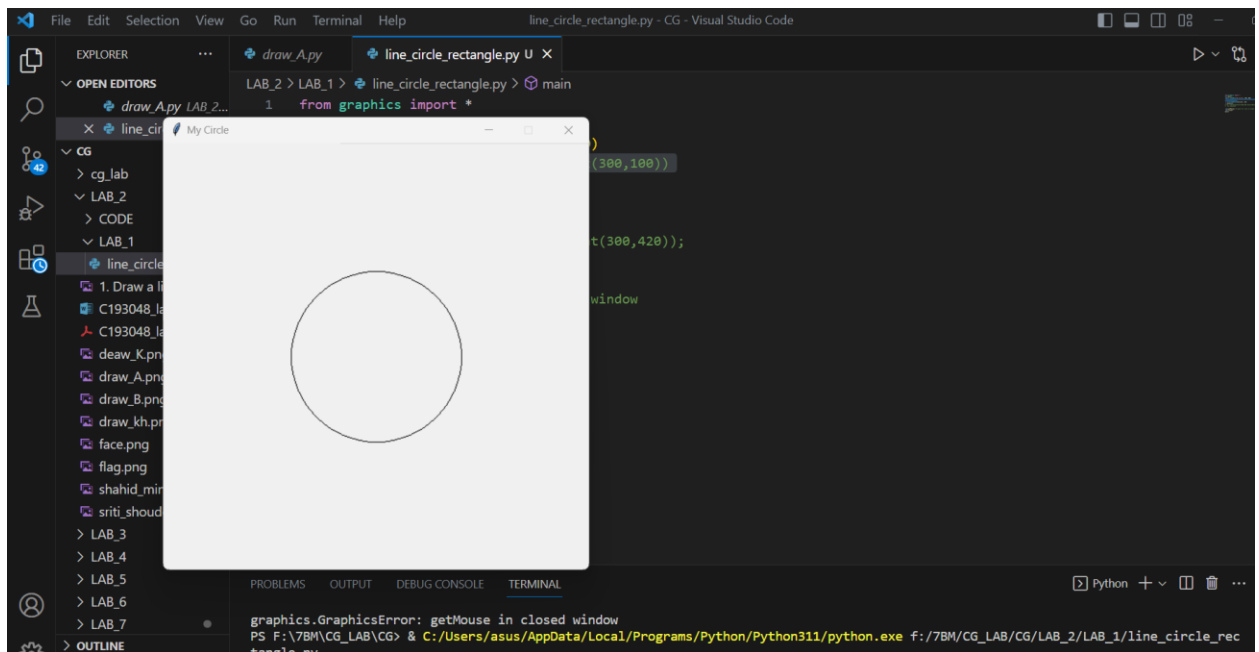
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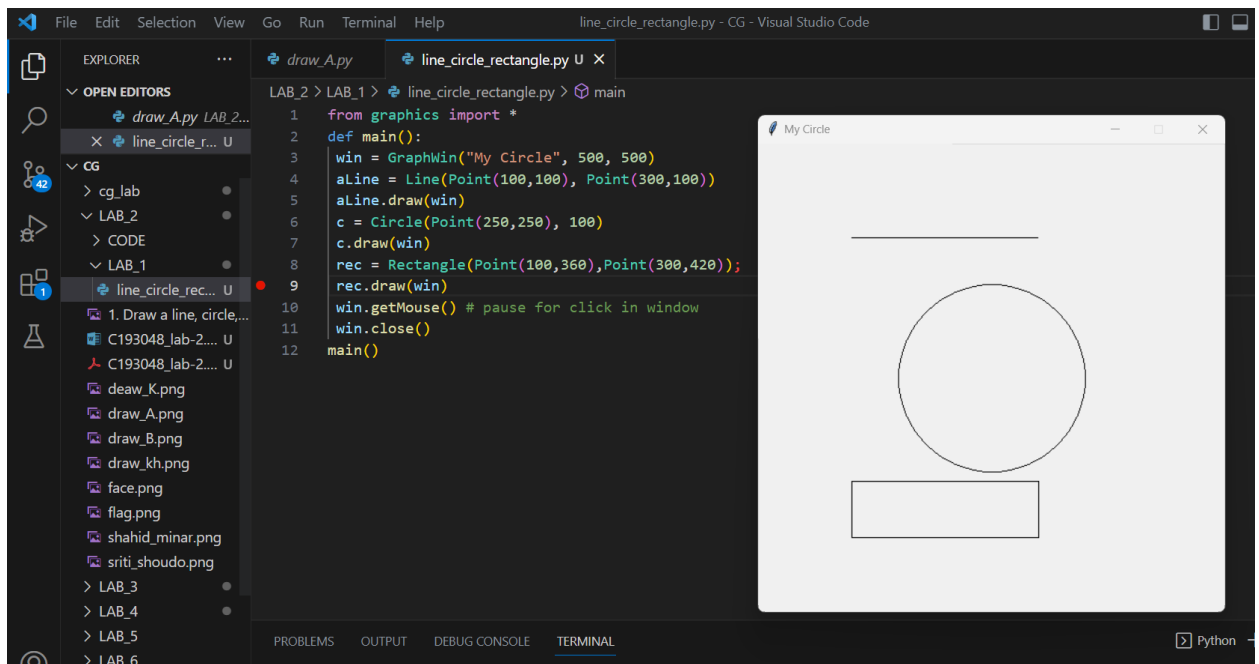
Dept of Computer Science and Engineering,IIUC

## 1. Install python for graphics programming :



## 2. Draw a line, circle, rectangle :

```
from graphics import *
def main():
    win = GraphWin("My Circle", 500, 500)
    aLine = Line(Point(100,100), Point(300,100))
    aLine.draw(win)
    c = Circle(Point(250,250), 100)
    c.draw(win)
    rec = Rectangle(Point(100,360),Point(300,420));
    rec.draw(win)
    win.getMouse() # pause for click in window
    win.close()
main()
```



### 3, Draw text "Hello world" with large font size and colorful.

```
from graphics import *
```

```
def main():
```

```
win = GraphWin("My Circle", 500, 500)
```

```
message = Text(Point(100,100), "Hello!")
```

```
message.setFill(color_rgb(135,0,135))
```

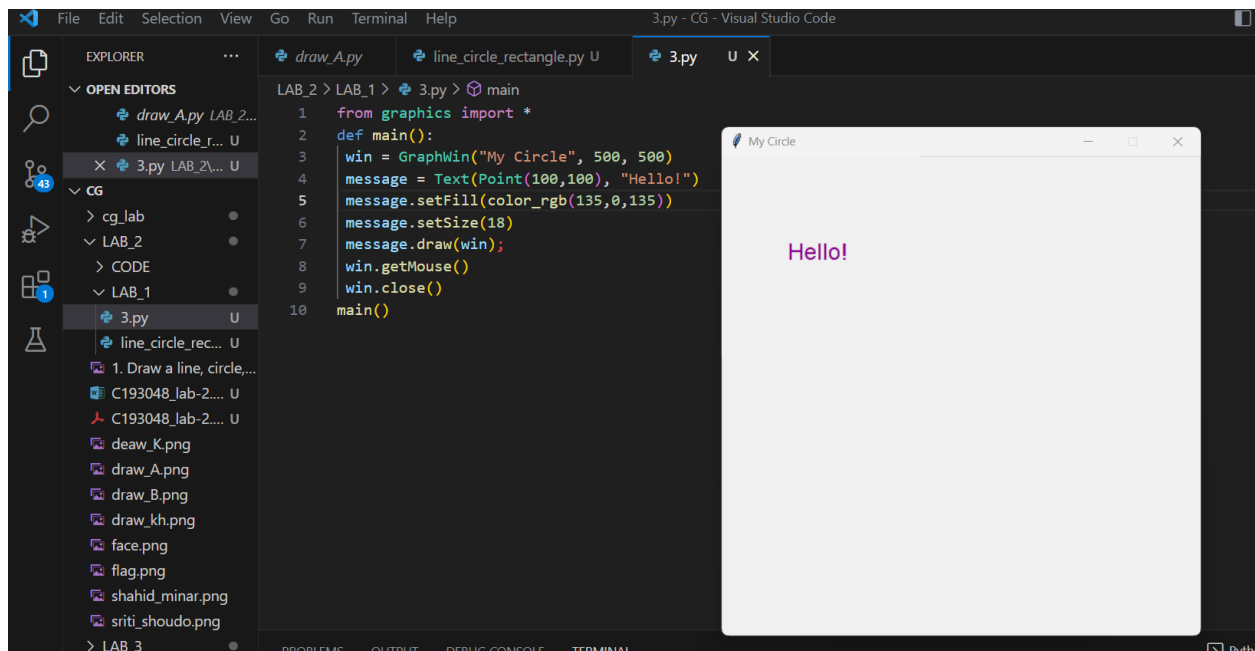
```
message.setSize(18)
```

```
message.draw(win);
```

```
win.getMouse()
```

```
win.close()
```

```
main()
```



### 3. Display image.

```
from graphics import *
def main():
    win = GraphWin("My Circle", 500, 500)
    flowerImage = Image(Point(100,100), "deaw_K.png")
    flowerImage.draw(win)
    win.getMouse()
    win.close()
main()
```