



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

Department of Computer Science & Engineering(CSE)

Lab -01

Name : Jabed Iqbal Joy
Student ID : C193049
Semester : 7th
Section : 7BM
Email : c193049@ugrad.iiuc.ac.bd
Contact : 01837844828
Course Code : CSE-4742
Course Title : Computer Graphics Lab

Name of the course Teacher :

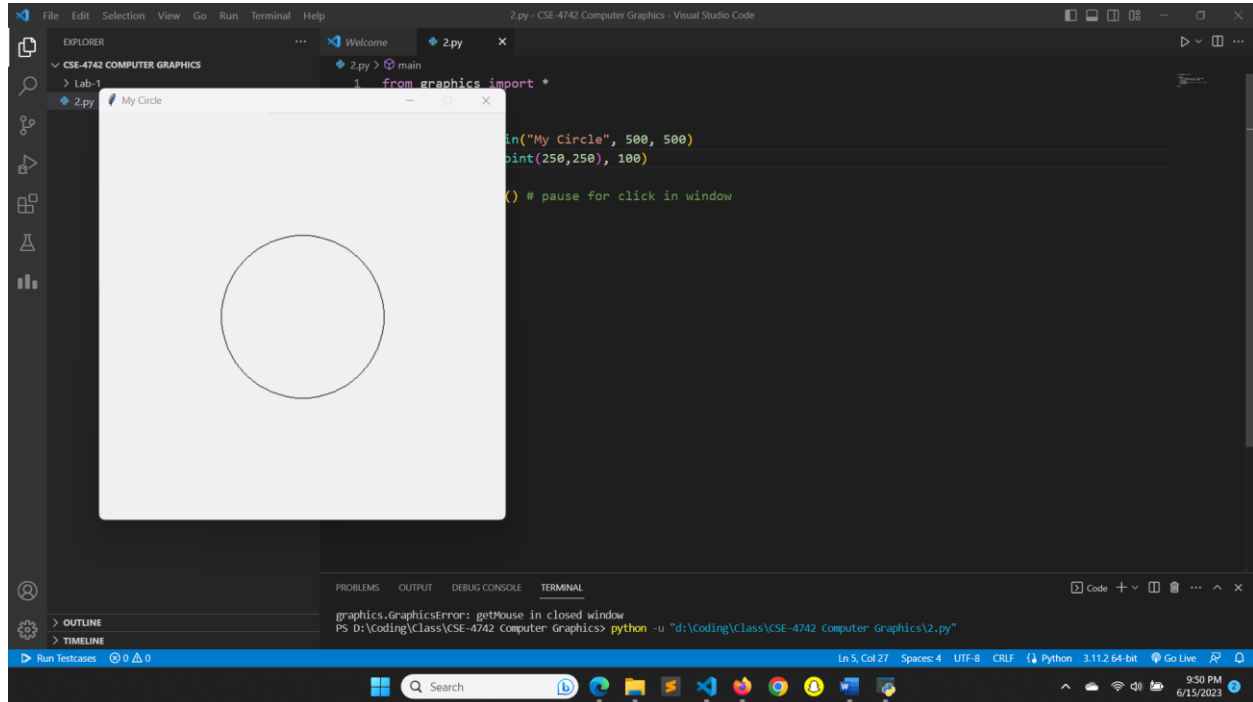
Mahadi Hassan

Assistant Professor

Department of CSE, IIUC

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No-1: Install python in Computer Successfully.



No-2: Draw Line , Circle and Rectangle.

Code:

```
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)
```

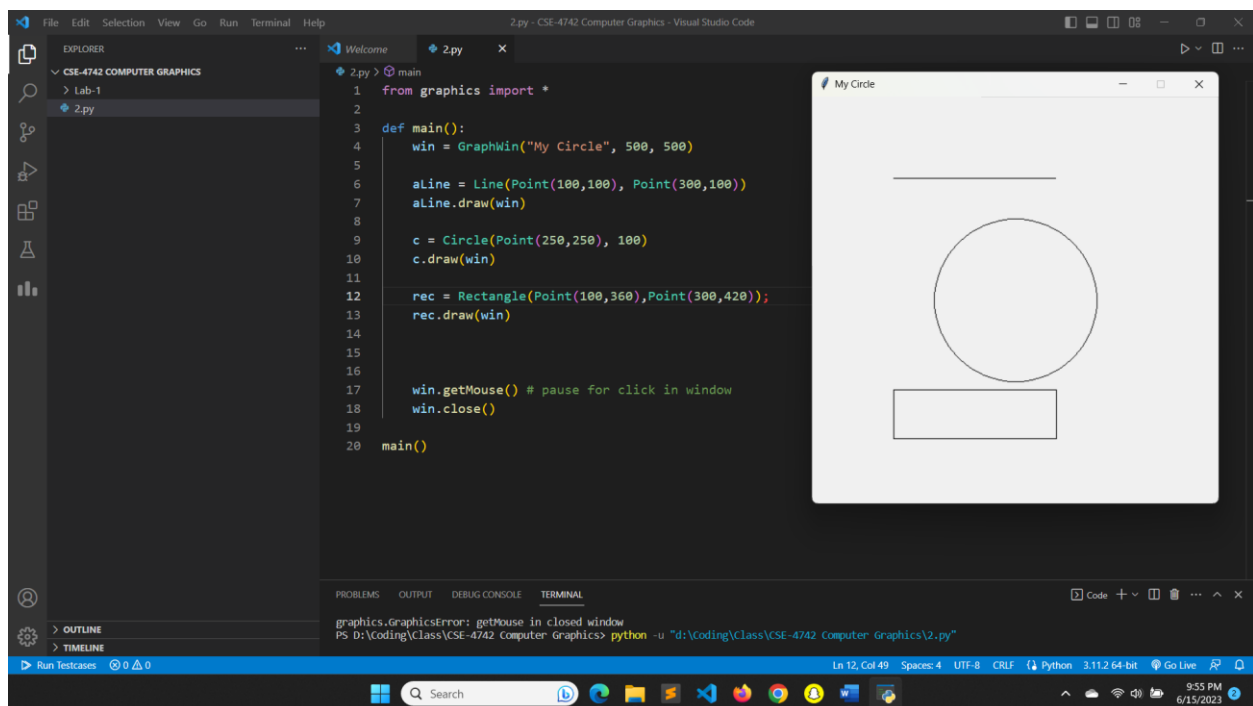
```
    rec = Rectangle(Point(100,360),Point(300,420));
```

```
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!")
```

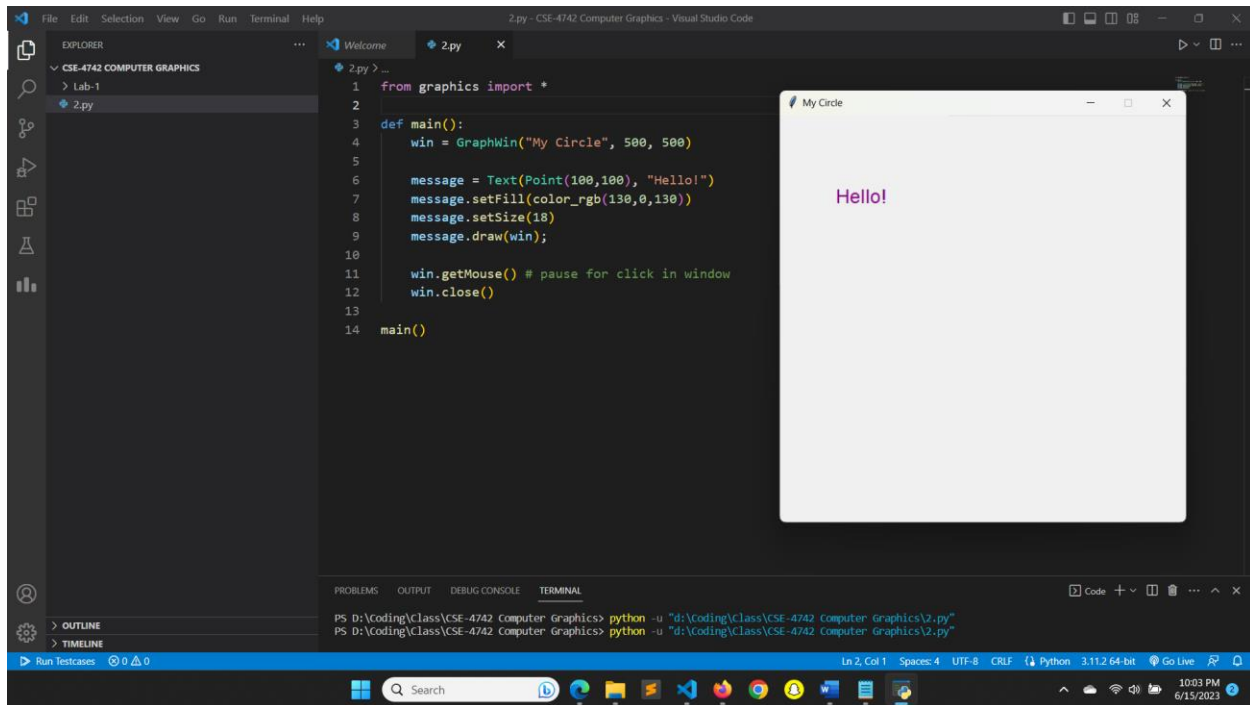
```
    message.setFill(color_rgb(130,0,130))
```

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

```
message.draw(win);  
win.getMouse() # pause for click in window  
win.close()
```

```
main()
```

Output:



4. Display image..

```
from graphics import *  
  
def main():  
    win = GraphWin("My Circle", 500, 500)  
    flowerImage = Image(Point(100,100), "flower.gif")  
    flowerImage.draw(win)  
    win.getMouse() # pause for click in window  
    win.close()  
  
main()
```