# INTERNATIONAL ISLAMIC UNIVERSITY CHITTAGONG

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## *Lab Report-01*

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**Semester: 7th**

**Section: 7BM**

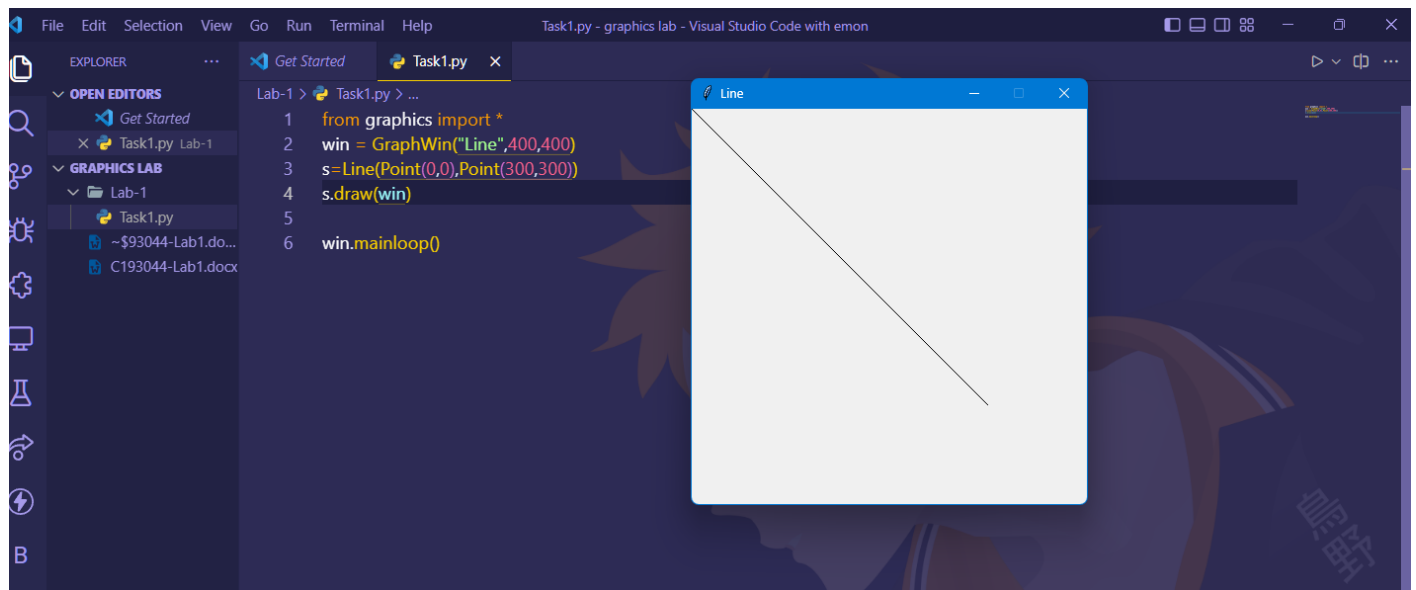**Course Code:** CSE-4742

**Course Title:**  Computer Graphics Lab

**Course Teacher Name: :** Mahadi Hasan,
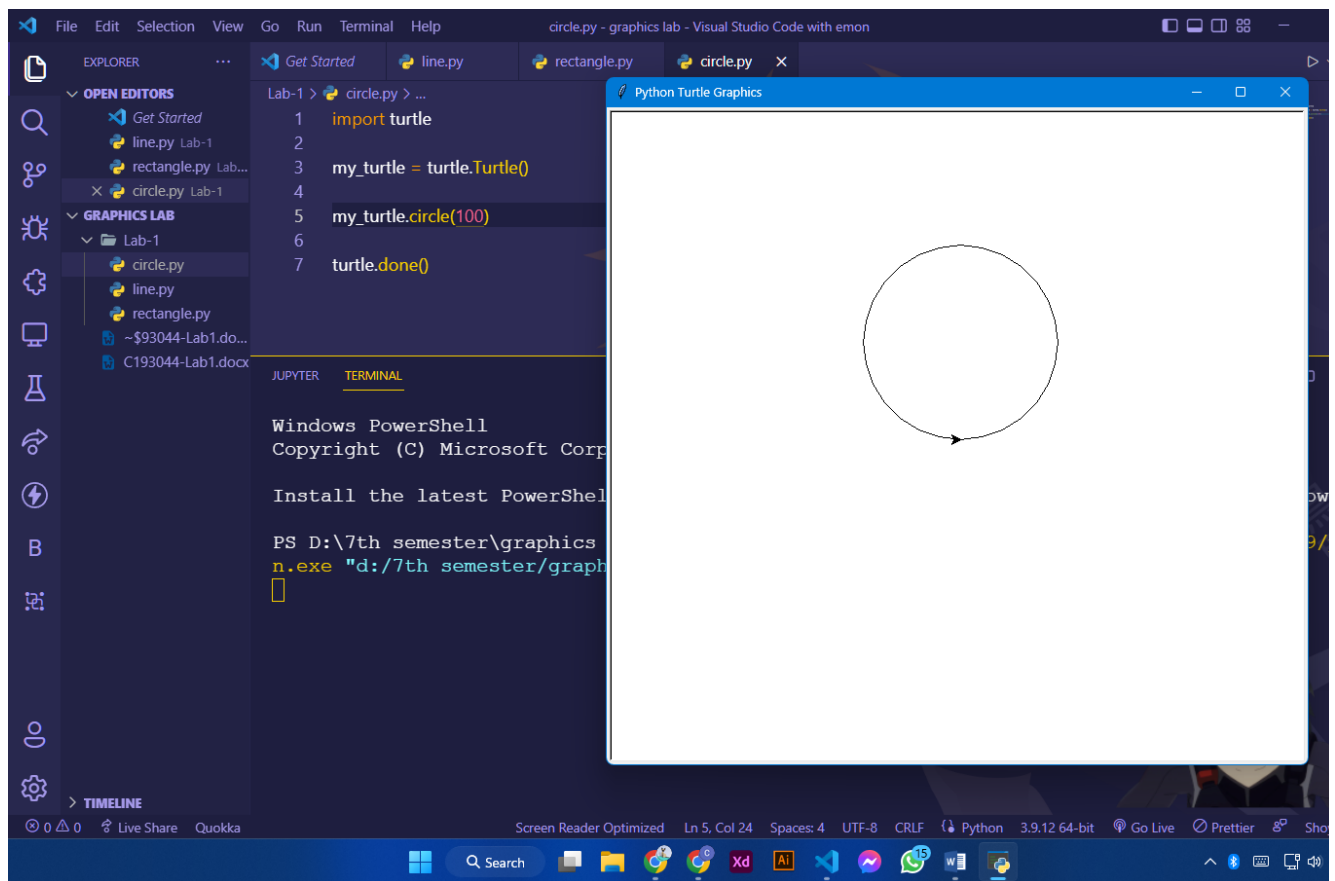Associate Professor, Computer Science and Engineering.

## 1. Draw a line

```python
from graphics import *
win = GraphWin("Line",400,400)
s=Line(Point(0,0),Point(300,300))
s.draw(win)
win.mainloop()
```



## 2. Draw a Circle

```python
import turtle
my_turtle = turtle.Turtle()

my_turtle.circle(100)
turtle.done()
```
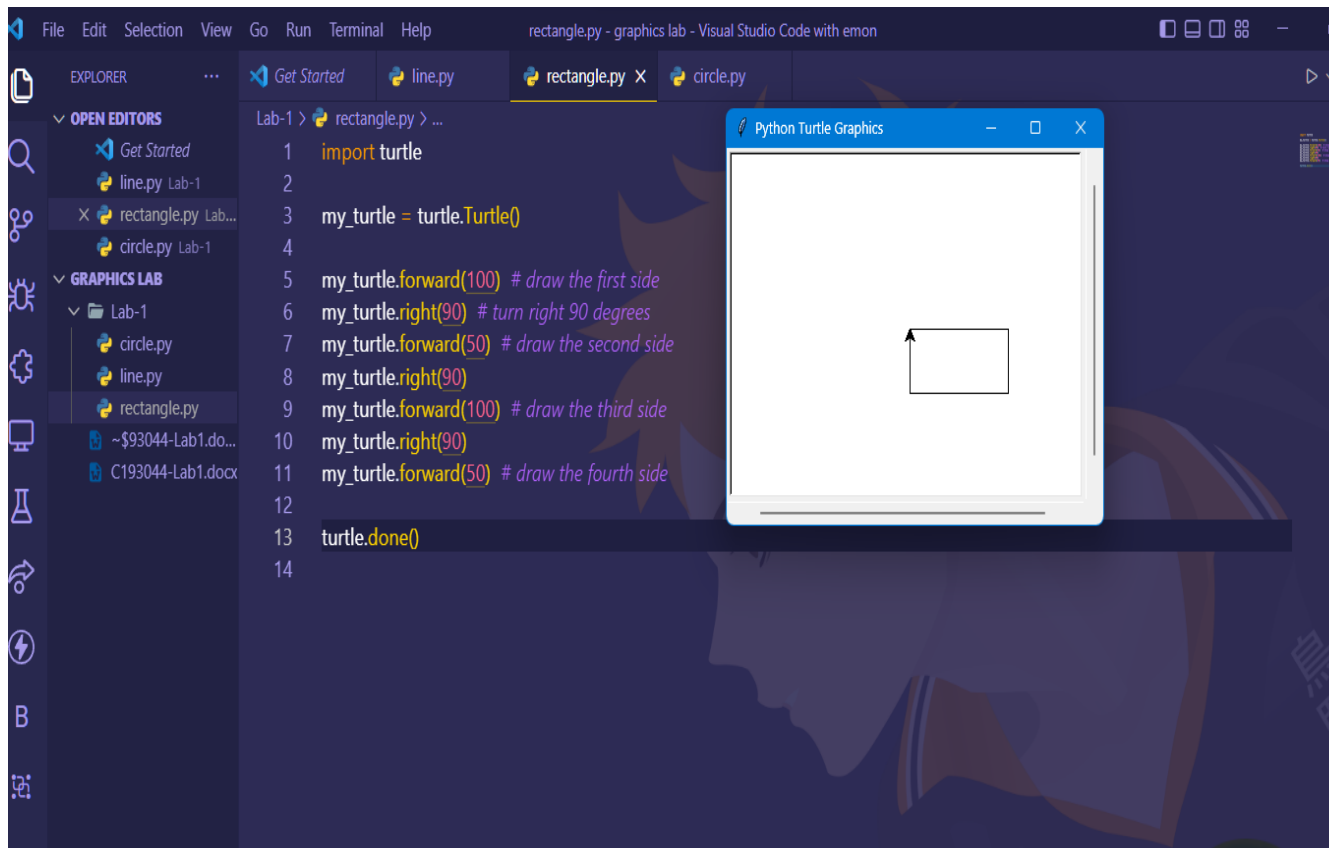
### 3. Draw a Rectangle

```python
import turtle

my_turtle = turtle.Turtle()

my_turtle.forward(100)   # draw the first side
my_turtle.right(90)   # turn right 90 degrees
my_turtle.forward(50)   # draw the second side
my_turtle.right(90)
my_turtle.forward(100)   # draw the third side
my_turtle.right(90)
my_turtle.forward(50)   # draw the fourth side

turtle.done()
```

**4, Draw text "Hello world" with large font size and colorful.**

```python
from graphics import *

# create a graphics window
win = GraphWin("Hello world", 400, 300)

# create the text object
text = Text(Point(200, 150), "Hello world")
text.setSize(36)
text.setTextColor("red")
text.setStyle("bold")

# draw the text on the window
text.draw(win)

# wait for the user to click the mouse
win.getMouse()
```

```
# close the window
win.close()
```