



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

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Course Title : Computer Graphics Lab

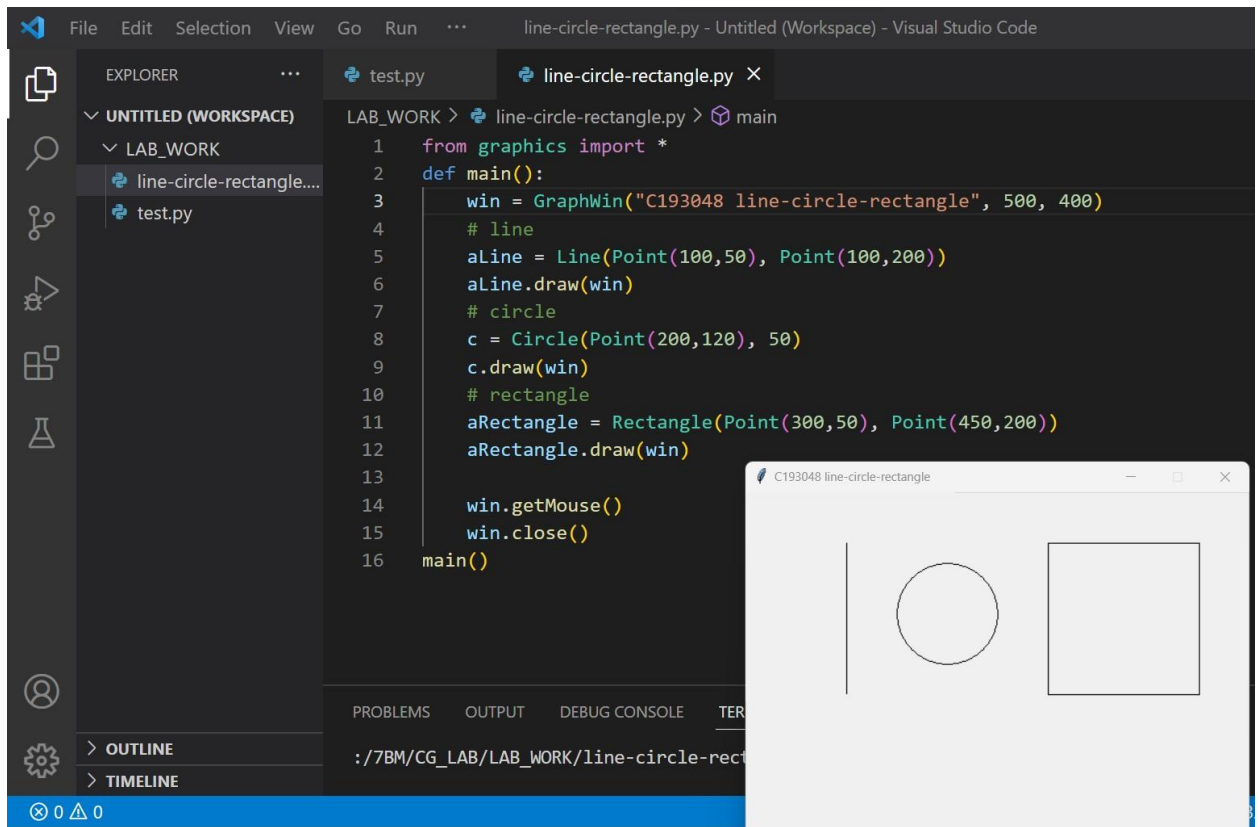
Name of the course Teacher :

**Mahadi Hassan**

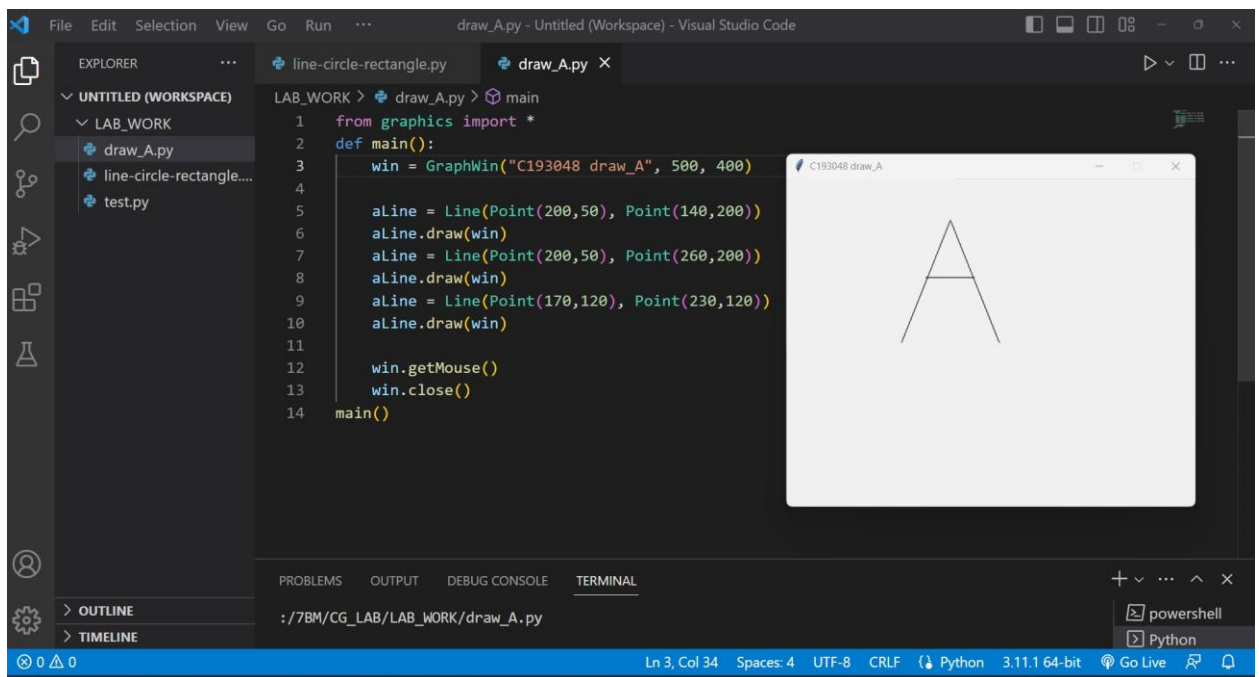
Associate Professor

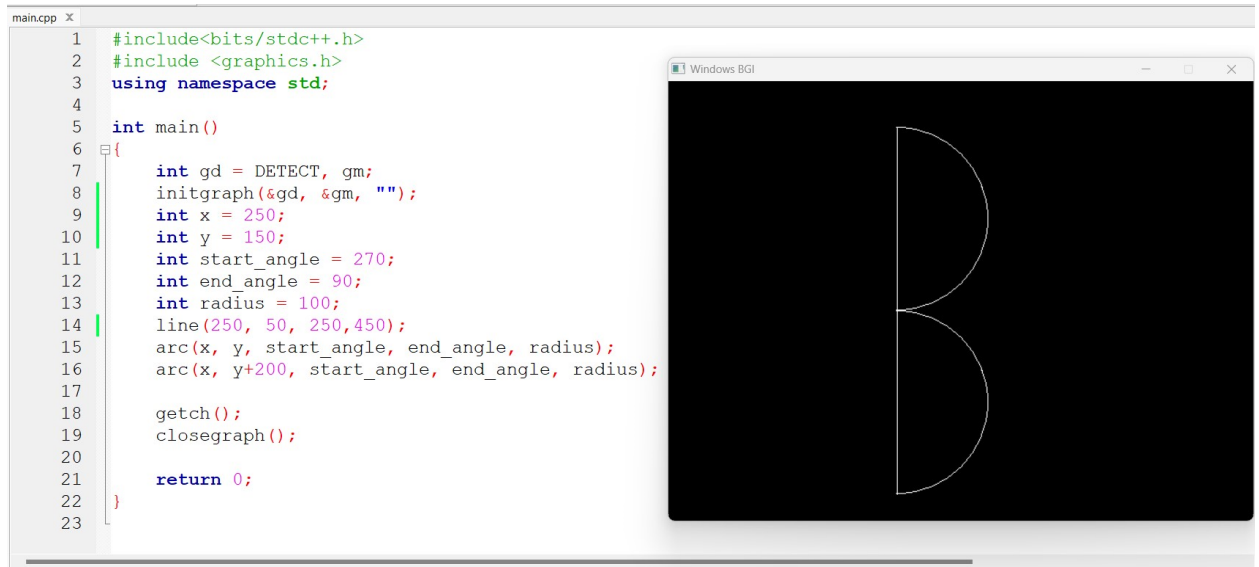
Dept of Computer Science and Engineering,IIUC

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

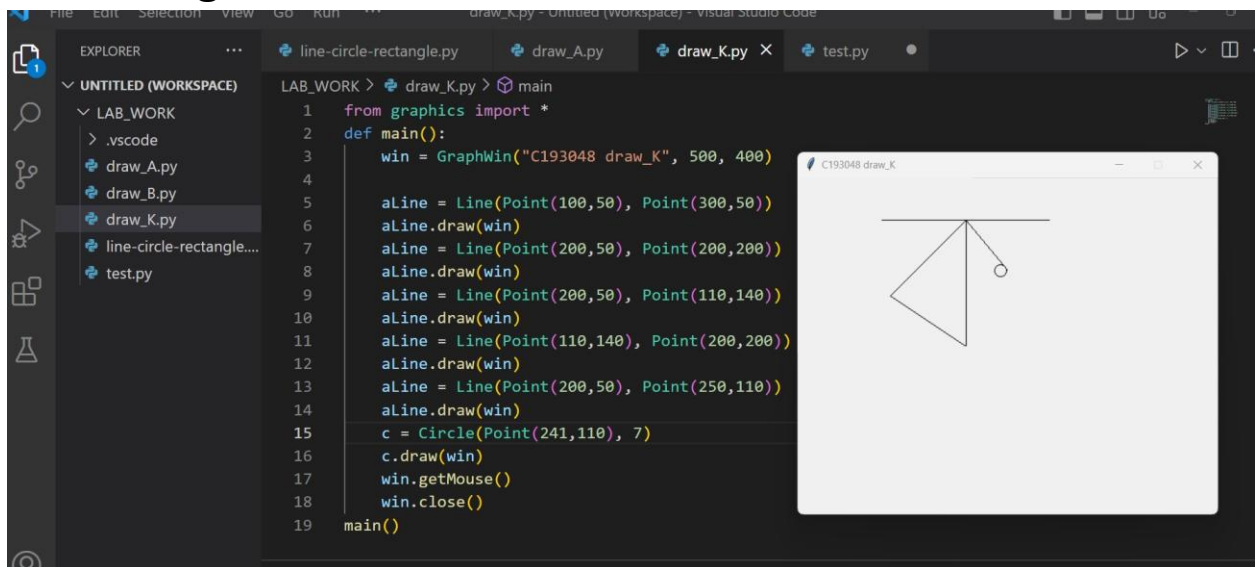


## 2. Draw A, B :

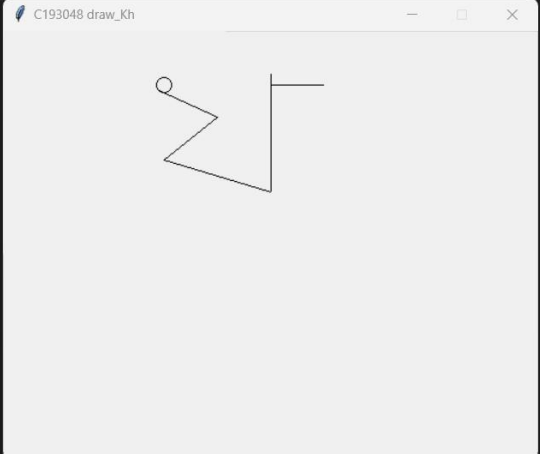




### 3. Draw Bangla Ka, Kha :

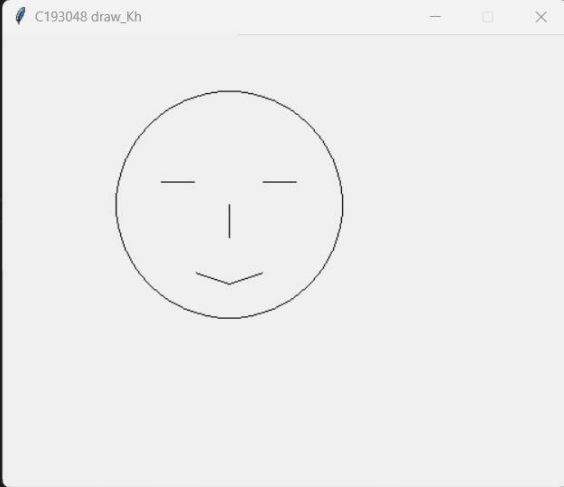


```
line-circle-rectangle.py  draw_A.py  draw_K.py  draw_kh.py  test.py
LAB_WORK > draw_kh.py > main
1  from graphics import *
2  def main():
3      win = GraphWin("C193048 draw_Kh", 500, 400)
4      c = Circle(Point(150,50), 7)
5      c.draw(win)
6      aLine = Line(Point(145,55), Point(200,80))
7      aLine.draw(win)
8      aLine = Line(Point(200,80), Point(150,120))
9      aLine.draw(win)
10     aLine = Line(Point(150,120), Point(250,150))
11     aLine.draw(win)
12     aLine = Line(Point(250,40), Point(250,150))
13     aLine.draw(win)
14     aLine = Line(Point(250,50), Point(300,50))
15     aLine.draw(win)
16
17     win.getMouse()
18     win.close()
19 main()
```

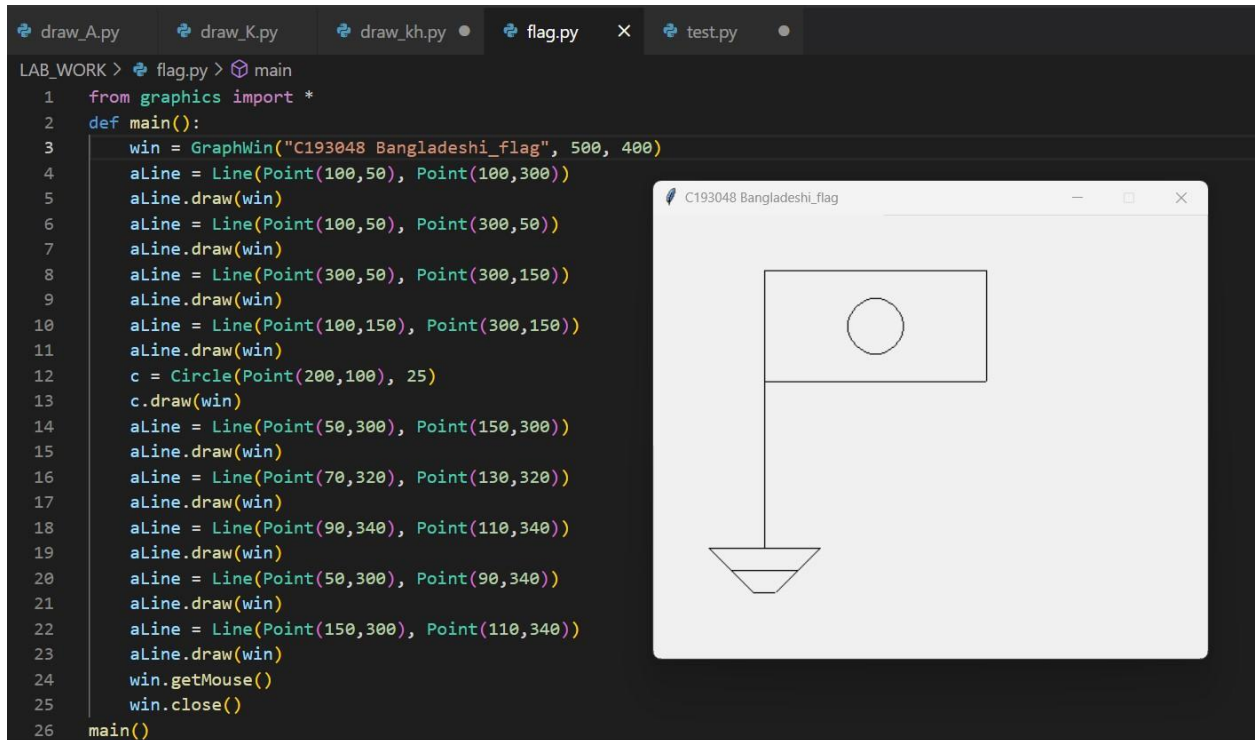


## 4. Draw smiling face :

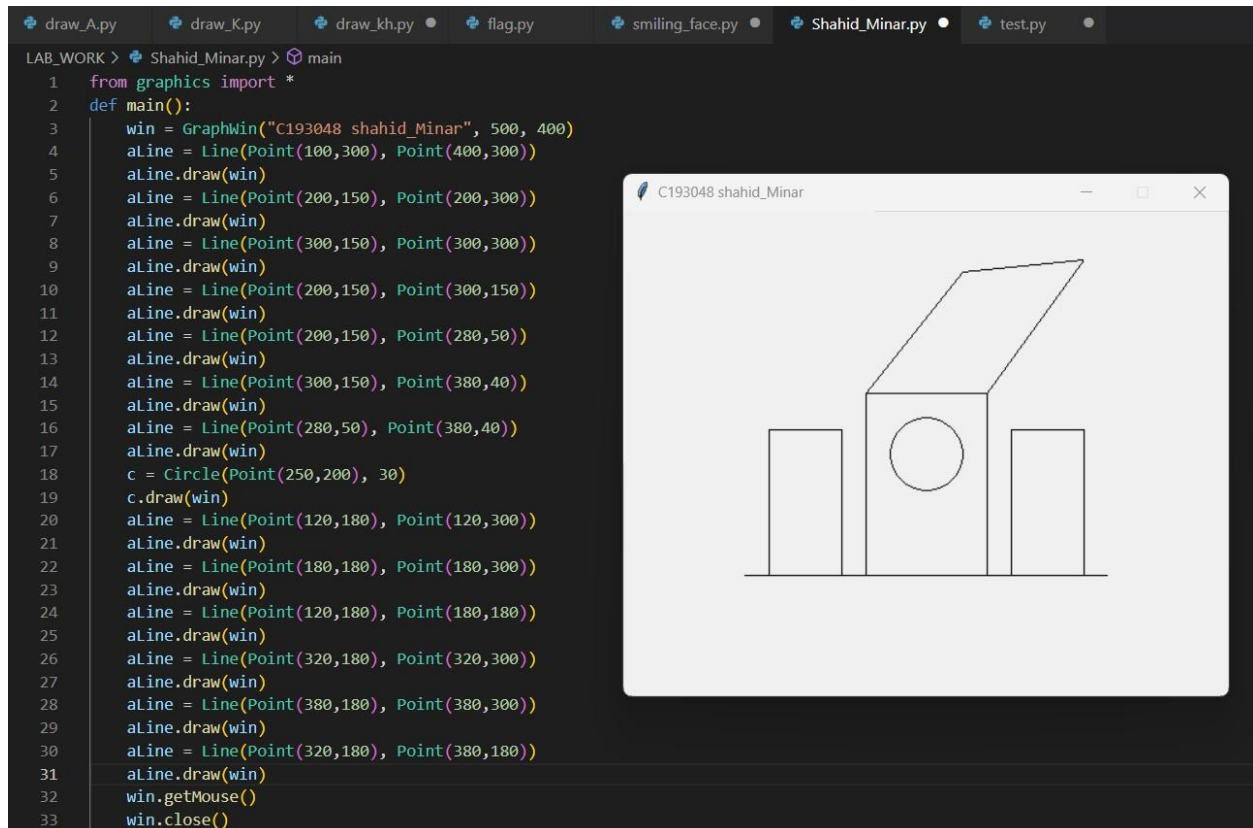
```
LAB_WORK > smiling_face.py > main
1  from graphics import *
2  def main():
3      win = GraphWin("C193048 draw_Kh", 500, 400)
4
5      c = Circle(Point(200,150), 100)
6      c.draw(win)
7      aLine = Line(Point(140,130), Point(170,130))
8      aLine.draw(win)
9      aLine = Line(Point(230,130), Point(260,130))
10     aLine.draw(win)
11     aLine = Line(Point(200,150), Point(200,180))
12     aLine.draw(win)
13     aLine = Line(Point(200,220), Point(170,210))
14     aLine.draw(win)
15     aLine = Line(Point(200,220), Point(230,210))
16     aLine.draw(win)
17
18     win.getMouse()
19     win.close()
20 main()
```



## 5. Draw Bangladeshi Flag :



## 6. Draw Shahid Minar :



## 7. Draw Sriti Shoudho :

```
Sriti_Shoudho.py
LAB_WORK > Sriti_Shoudho.py > main
1  from graphics import *
2  def main():
3      win = GraphWin("C193048 Sriti_Shoudho", 500, 400)
4      aLine = Line(Point(50,300), Point(450,300))
5      aLine.draw(win)
6      aLine = Line(Point(250,100), Point(250,300))
7      aLine.draw(win)
8      aLine = Line(Point(250,100), Point(220,300))
9      aLine.draw(win)
10     aLine = Line(Point(250,100), Point(190,300))
11     aLine.draw(win)
12     aLine = Line(Point(250,100), Point(160,300))
13     aLine.draw(win)
14     aLine = Line(Point(250,100), Point(130,300))
15     aLine.draw(win)
16
17     aLine = Line(Point(250,100), Point(280,300))
18     aLine.draw(win)
19     aLine = Line(Point(250,100), Point(310,300))
20     aLine.draw(win)
21     aLine = Line(Point(250,100), Point(340,300))
22     aLine.draw(win)
23     aLine = Line(Point(250,100), Point(370,300))
24     aLine.draw(win)
25     win.getMouse()
26     win.close()
27 main()
```

