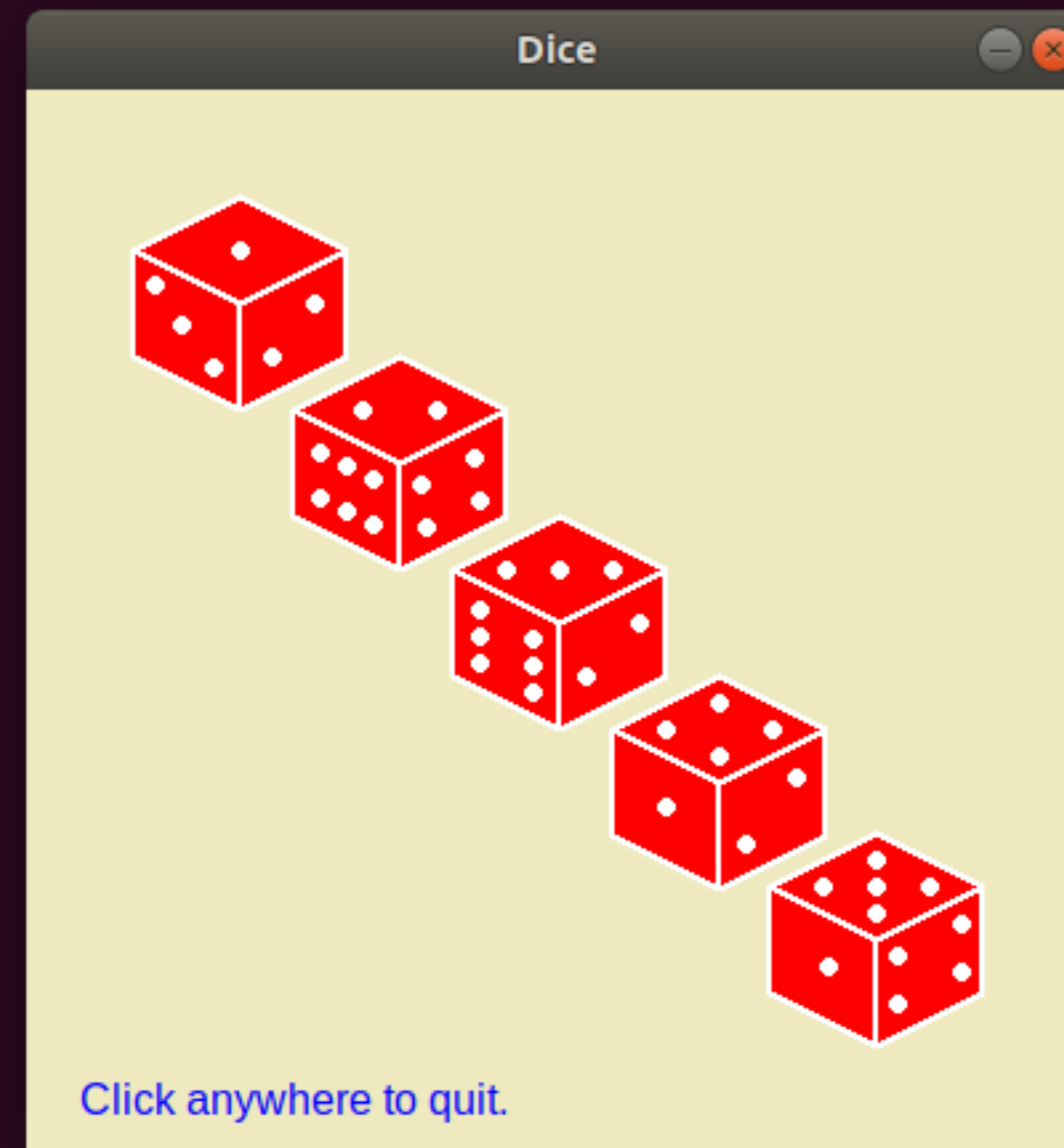


dan@dan-Alienware-m15:~/Documents/School/CIS110/Excercises/Ch4\$ python3 Ch4ex05.py

This program displays 5 dice using graphics.py



```
from graphics import*
def main():
    print("This program displays 5 dice using graphics.py")
    print("")

    win=GraphWin("Dice",400,400)
    win.setBackground('LemonChiffon2')
    win.setCoords(0,0,20,20)

    #Dice
    die=Polygon(Point(2,17),Point(4,16),Point(6,17),Point(6,15),Point(4,14),
                Point(4,16),Point(4,14),Point(2,15),Point(2,17),
                Point(4,18),Point(6,17),Point(4,16),Point(2,17),)
    die.setFill('red')
    die.setOutline('white')
    die.setWidth('2')
    die.draw(win)
    dx=0
    dy=0

    #cloing and moving dice
    for i in range(1,5):
        dx=dx+3
        dy=dy-3
        dice=die.clone()
        dice.draw(win)
        dice.move(dx,dy)

    #white spots
    spot=Circle(Point(4,17),.15)
    spot.setFill('white')
    spot.setOutline('white')
    spot.draw(win)

    #list of possibible die positions
    diceList=[(-1.6,-.65),(-1.1,-1.4),(-.5,-2.2),(1.4,-1),(.6,-2),(2.3,-3),(3.7,-3),(2,-4.05),(2,-4.9),
              (1.5,-3.8),(2.5,-5.15),(1.5,-4.65),(2.5,-4.3),(3.4,-4.4),(4.5,-4.7),(4.4,-3.9),(3.5,-5.2),(5,-6),(5,-6),
              (6,-6),(7,-6),(6.5,-8),(7.5,-7),(4.5,-6.75),(4.5,-7.25),(4.5,-7.75),(5.5,-7.3),(5.5,-7.8),(5.5,-8.3),(10,-9),
              (8,-9),(9,-9.5),(9,-8.5),(8,-10.5),(10.5,-9.9),(9.5,-11.2),(11,-12),(13,-12),(12,-12),(12,-11.5),(12,-12.5),
              (11.1,-13.5),(12.4,-13.3),(12.4,-14.2),(13.6,12.7),(13.6,-13.6),(13.6,-12.7)]

    #loop to dupe the dot
    for i in range(len(diceList)):
        dx,dy=diceList[i]
        spots=spot.clone()
        spots.draw(win)
        spots.move(dx,dy)
    message=Text(Point(5,1),"Click anywhere to quit.")
    message.setFill('blue')
    message.draw(win)
    win.getMouse()

main()
"Ch4ex05.py" 51L, 1501C
```