**PROGRAM-6 TURTLE-GRAPHICS**

1. **Write a python program to print forward arrow directions?**

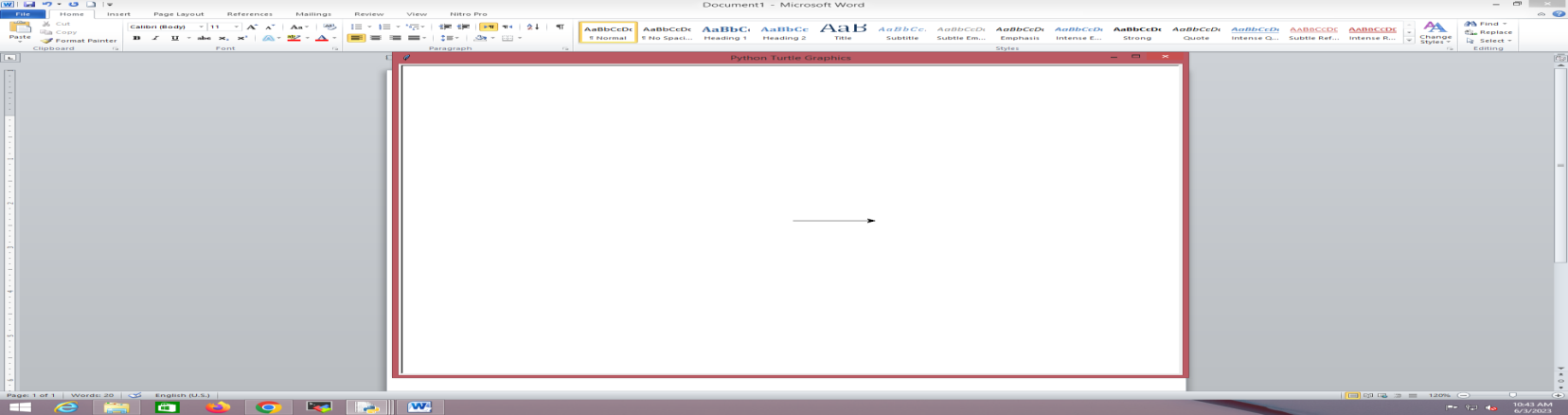
import turtle

t = turtle.Turtle()

t.forward(100)

turtle.mainloop()

**sample output:**



1. **write a python program using tutrtle graphics to print circle ?**

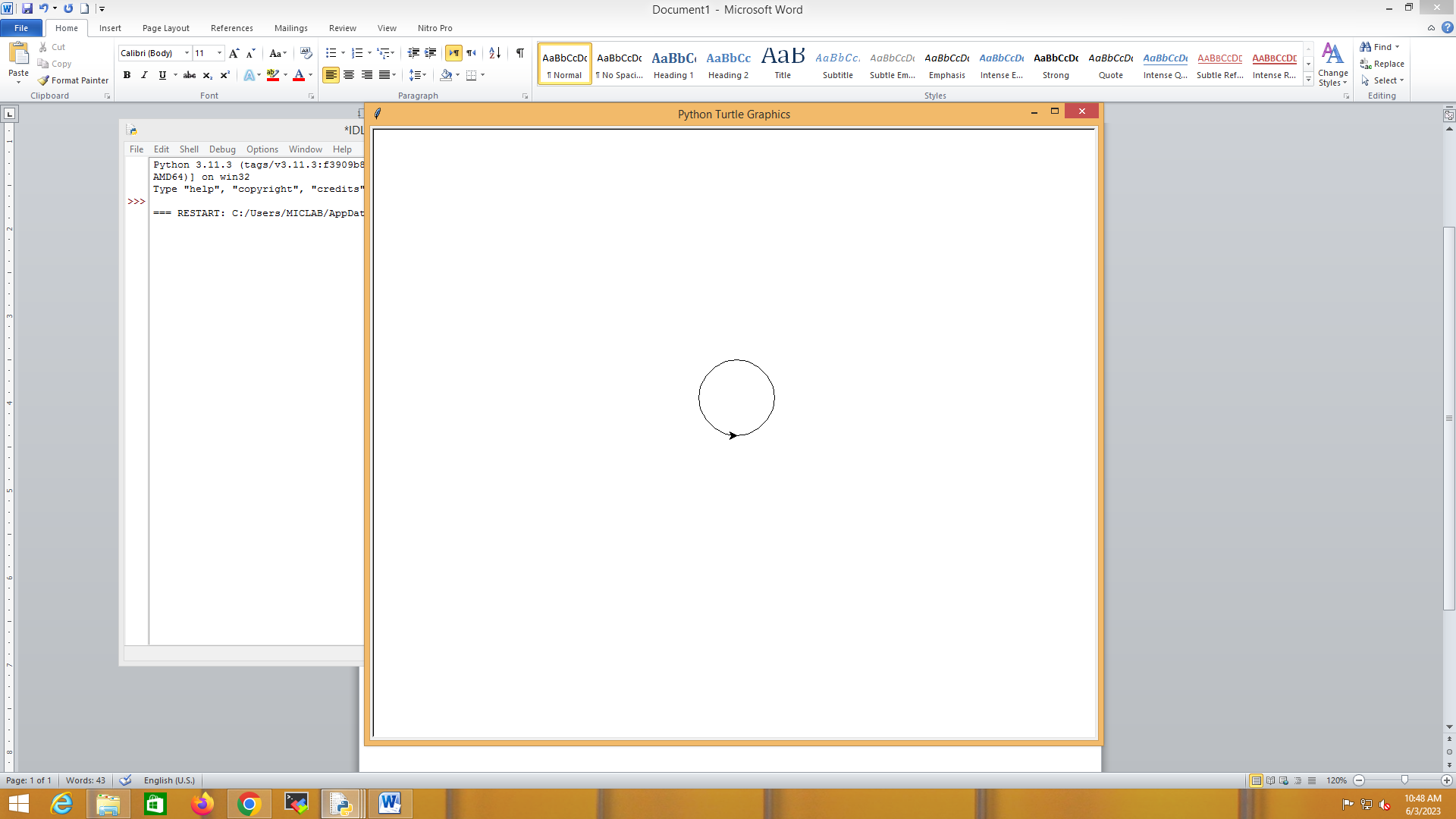
import turtle

t = turtle.Turtle()

t.circle(50)

turtle.mainloop()

**sample output:**



1. **Write a program to print background colour using turtle grapics?**

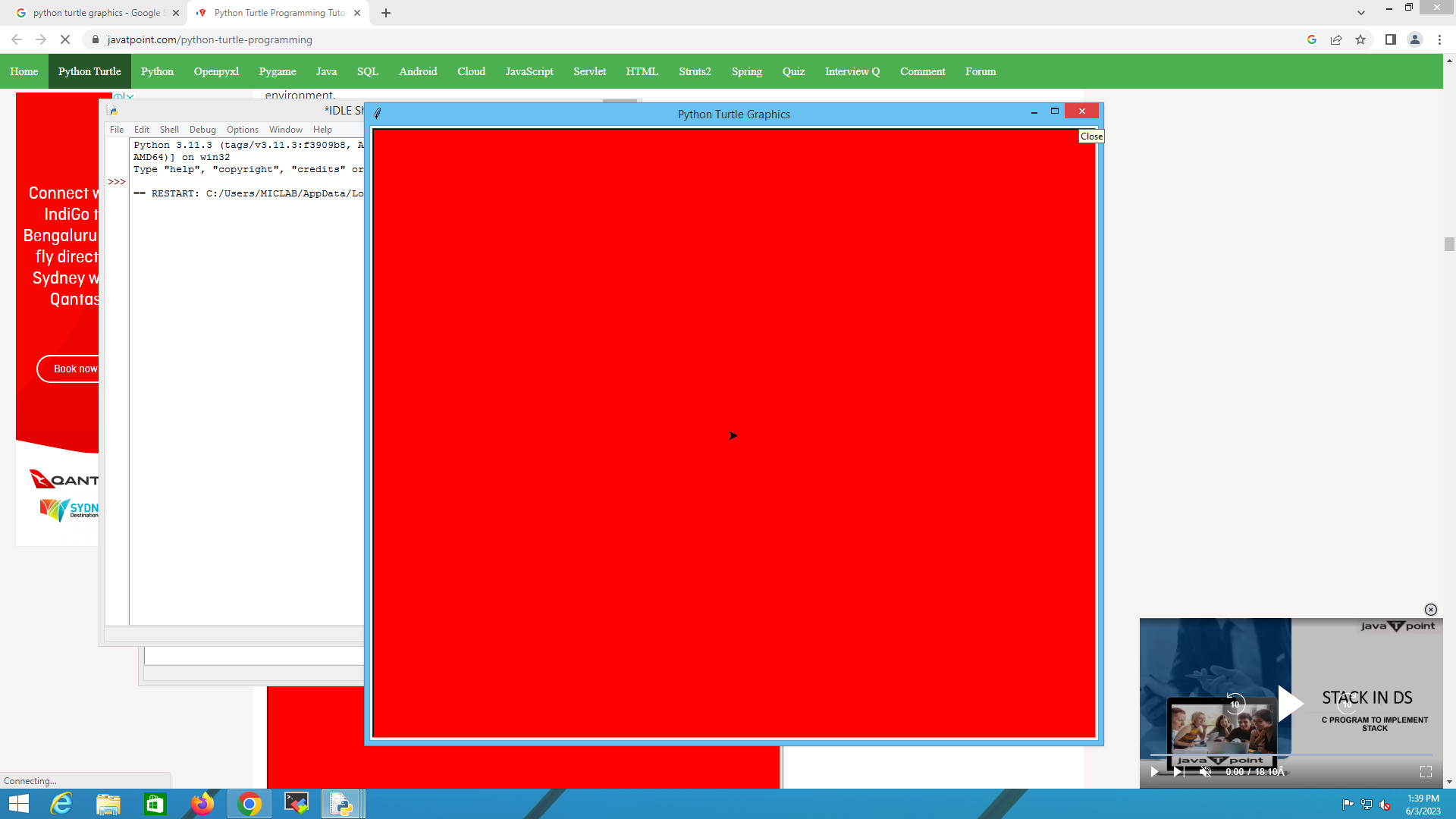
import turtle

t = turtle.Turtle()

turtle.bgcolor("red")

turtle.mainloop()

**Sample and output:**



1. **Write a python program to print square shape using turtle graphics?**

import turtle

my\_pen = turtle.Turtle()

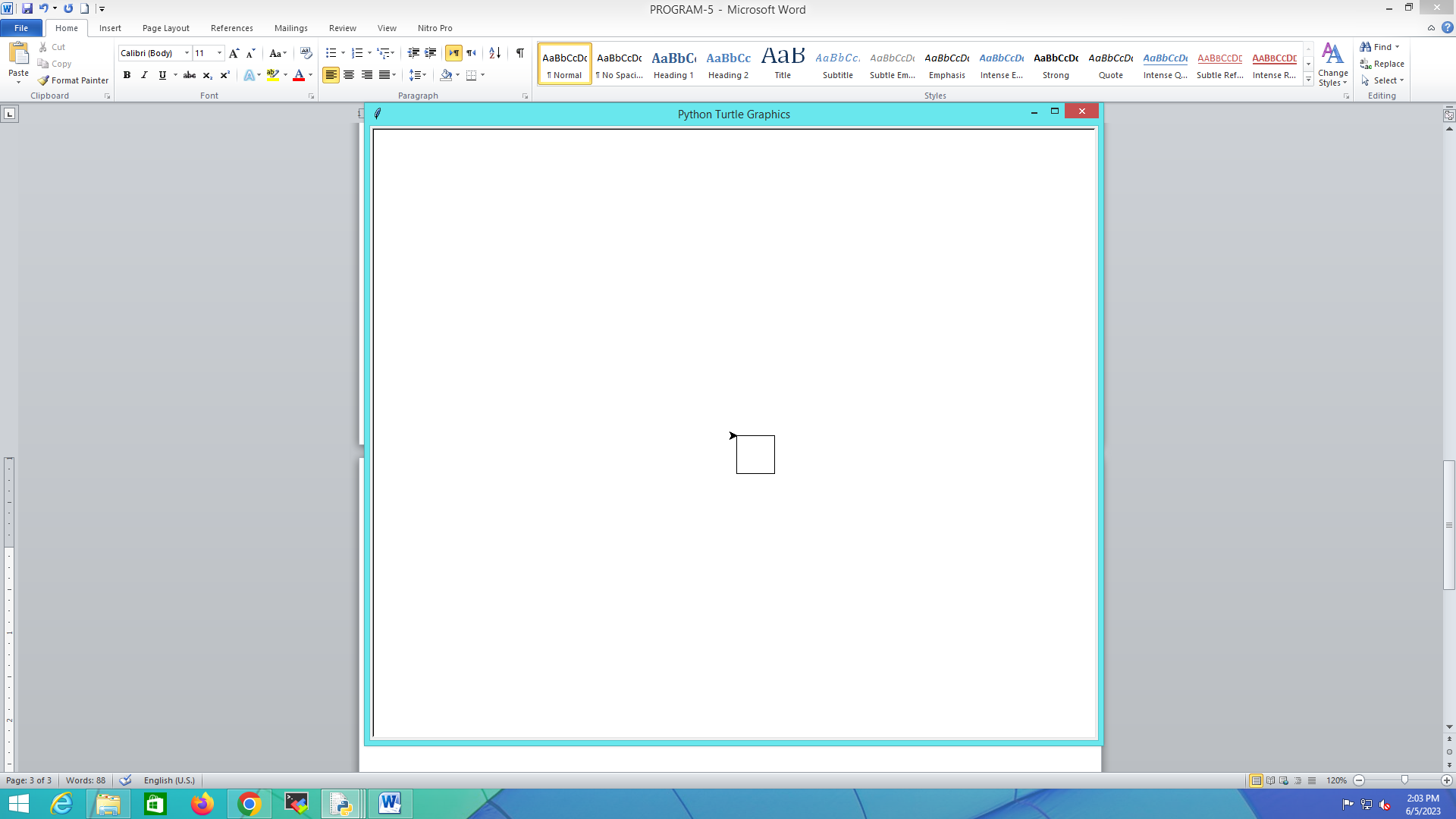
for i in range(4):

my\_pen.forward(50)

my\_pen.right(90)

turtle.done()

**sample output:**



1. **Write a python program to print a star symbol using turtle graphics?**

import turtle

my\_pen = turtle.Turtle()

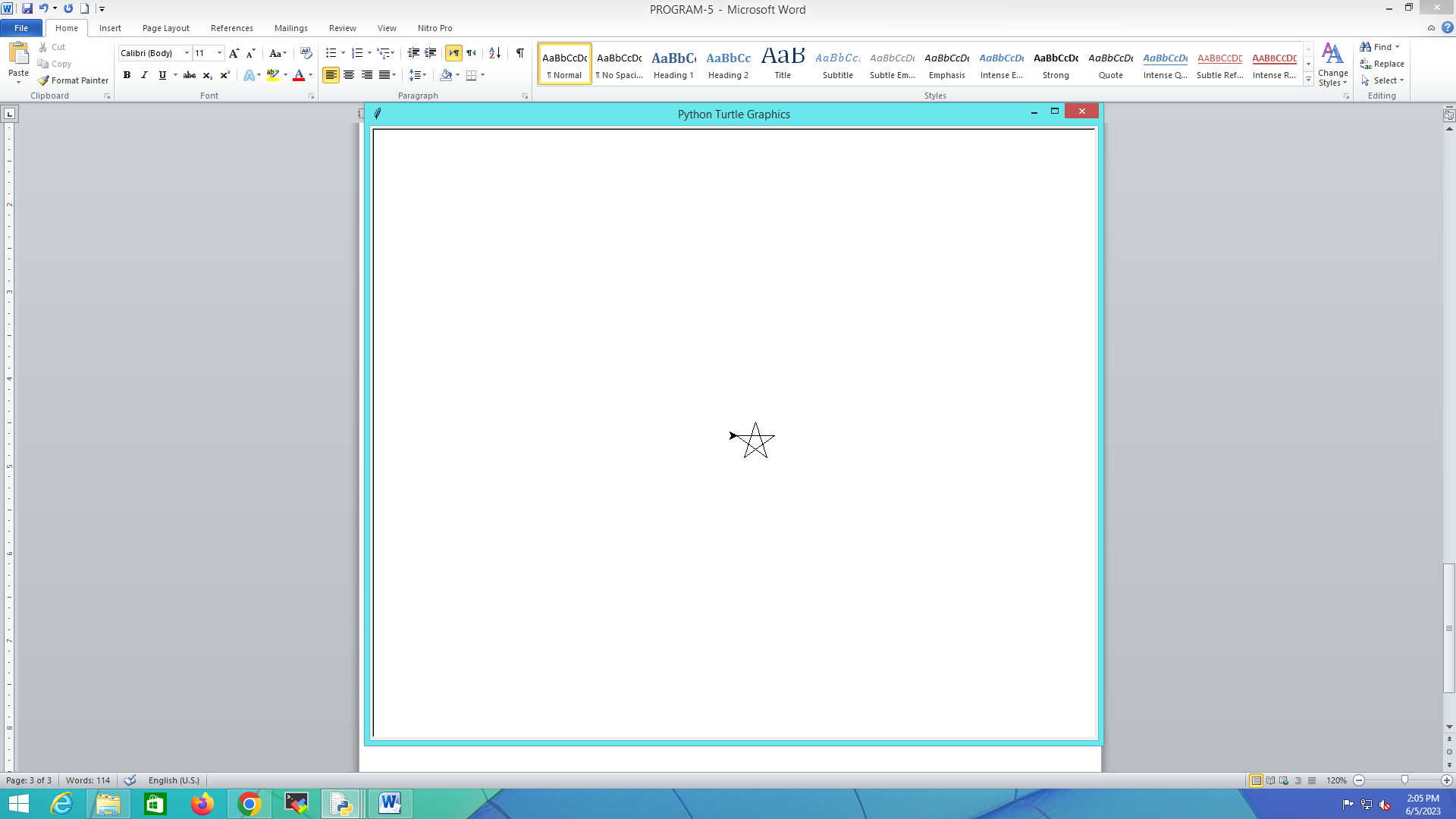
for i in range(50):

my\_pen.forward(50)

my\_pen.right(144)

turtle.done()

**sample output:**



1. **Write a python program to print hexagon shape using turtle graphics?**

import turtle

polygon = turtle.Turtle()

my\_num\_sides = 6

my\_side\_length = 70

my\_angle = 360.0 / my\_num\_sides

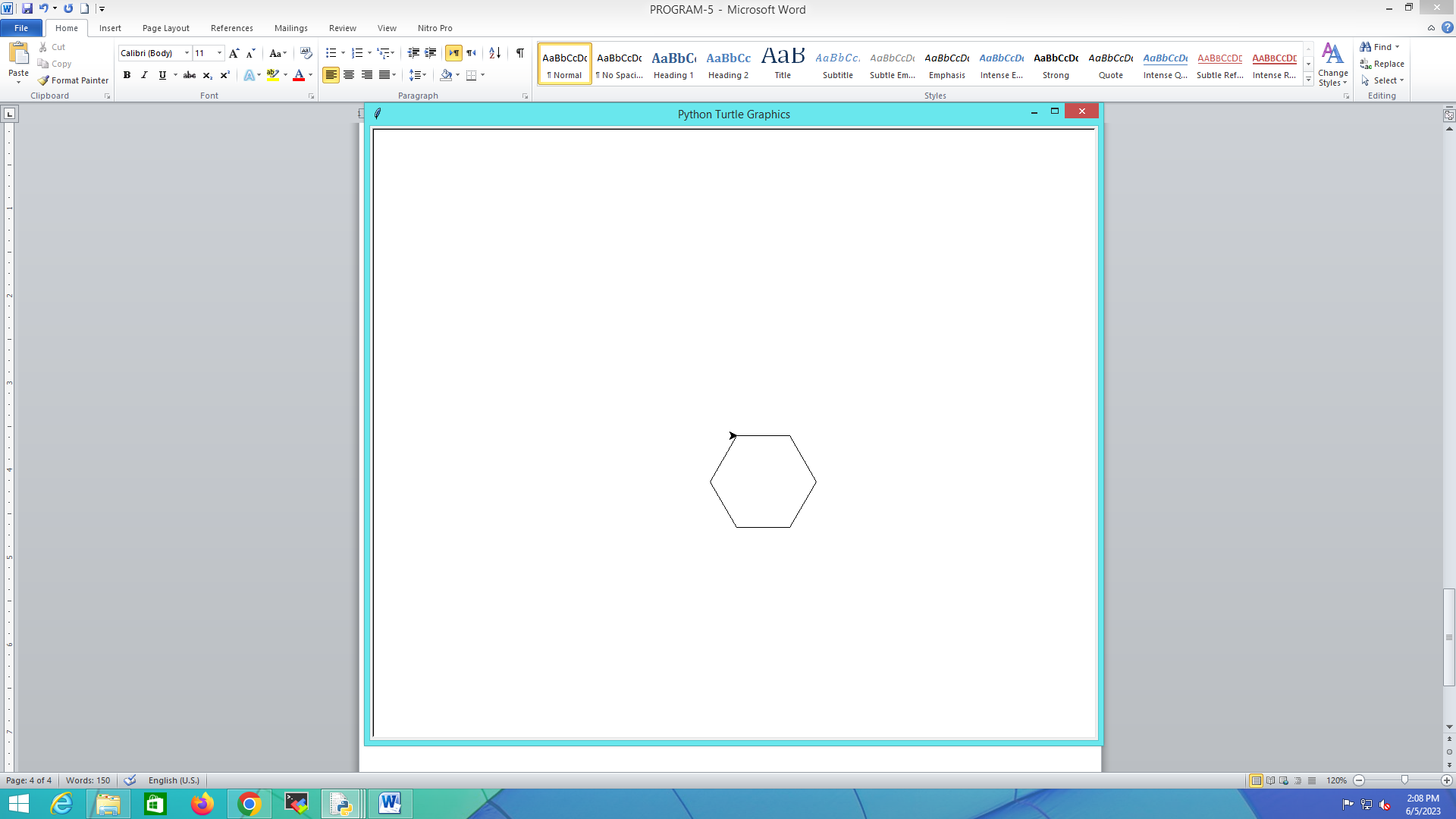
for i in range(my\_num\_sides):

polygon.forward(my\_side\_length)

polygon.right(my\_angle)

turtle.done()

**sample output:**



1. **Write a python program to print another pattern using turtle ?**

import turtle

colors = [ "red","purple","blue","green","orange","yellow"]

my\_pen = turtle.Pen()

turtle.bgcolor("black")

for x in range(360):

my\_pen.pencolor(colors[x % 6])

my\_pen.width(x/100 + 1)

my\_pen.forward(x)

my\_pen.left(59)

**sample output:**

