How to draw snowman in Python Turtle?

Snowman consists of circular shaped snowballs having different radius. The body of the snowman is made up of three snowballs placed one over the other. Eyes, nose, and buttons are also circular in shape. Keeping this thing in mind, we will draw snowman.

```
import turtle

t = turtle.Turtle()

def draw_circle(color, radius, x, y):
  t.penup()
  t.fillcolor(color)
  t.goto(x,y)
  t.pendown()
  t.begin_fill()
  t.circle(radius)
  t.end_fill()

#Below three statements for drawing snowman body
draw_circle("#ffffff", 30, 0, -40)
draw_circle("#ffffff", 40, 0, -100)
draw_circle("#ffffff", 60, 0, -200)

draw_circle("#ffffff", 2, -10, -10) #Drawing left eye
draw_circle("#ffffff", 2, 10, -10) #Drawing right eye
draw_circle("#FF6600", 3, 0, -15) #Drawing nose

#Below three statements for drawing buttons
draw_circle("#ffffff", 2, 0, -35)
draw_circle("#ffffff", 2, 0, -45)
draw_circle("#ffffff", 2, 0, -55)

#Code for drawing left arm
t.penup()
t.goto(-15,-35)
t.pendown()
t.pensize(5)
t.goto(-75, -50)
#Code for drawing right arm
t.penup()
t.goto(15,-35)
t.pendown()
t.pensize(5)
t.goto(75, -50)

#Code for drawing hat
t.penup()
t.goto(-35, 8)
t.color("black")
t.pensize(6)
t.pendown()
t.goto(35, 8)

t.goto(30, 8)
```

```
t.fillcolor("black")
t.begin_fill()
t.left(90)
t.forward(15)
t.left(90)
t.forward(60)
t.left(90)
t.forward(15)
t.end_fill()
```

Output of the above program

Explanation of the above code-

```
def draw_circle(color, radius, x, y):
  t.penup()
  t.fillcolor(color)
  t.goto(x,y)
  t.pendown()
  t.begin_fill()
  t.circle(radius)
  t.end_fill()
```

This function takes 4 arguments- color and radius of the circle, x and y coordinates where we want to move the turtle.