```
import tkinter as tk
    import math
import random
   6
7 root = tk.Tk()
13
14 root.title("Lines In Circle")
15
  10 width = 500
17 height = 500
18 win = tk.Canvas(root,width=width,height=height)
19 win.pack()
         # Point on the circle at an angle
pos1 = [(math.cos(theta * angle) * (radius)) + width // 2, (math.sin(theta* angle) * (radius )) + height // 2]
```

```
if checkIfOutCircle(allLines[i].fromPoint[0], width // 2, allLines[i].fromPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[1], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[0], height // 2, allLines[i].toPoint[0], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], width // 2, allLines[i].toPoint[0], height // 2, allLines[i].toPoint[0], height // 2, allLines[i].toPoint[0], height // 2, radius) or checkIfOutCircle(allLines[i].toPoint[0], height // 2, allLines[i].toPoint[0], he
```