```python
from random import seed

from random import randint

import math

def createBackground(maxWidth,maxHeight,r,g,b):

    arrAll=[]

    arrRow=[]

    colourByte=[]

    red=r

    green=g

    blue=b

    for intRows in range(maxHeight):

        colourByte.append(red)

        colourByte.append(green)

        colourByte.append(blue)

        for intCols in range(maxWidth):

            arrRow.append(colourByte)

        arrAll.append(arrRow)

        arrRow=[]

        colourByte = []

        if intRows < 255:

            green += 1

        elif intRows >= 255 and intRows <511:

            if intRows == 255:

                red = 255

                blue = 0

            else:

                blue += 1
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            red -= 1

        elif intRows >= 512 and intRows < 764:

            green -=1

        else:

            blue -=1

        arrRow=[]

        colourByte = []

    return arrAll


def drawCircle(arrPage, centreX, centreY, radius, r, g, b):

    colourByte=[]

    colourByte.append(r)

    colourByte.append(g)

    colourByte.append(b)

    for x in range(radius * -1, radius + 1):

        for y in range(radius * -1, radius + 1):

            if radius > round(math.sqrt(x**2+y**2)) :

                arrPage[int(x)+centreX][int(y+centreY)] = colourByte

    return arrPage


def drawCircleBorder(arrPage, centreX, centreY, longRadius, shortRadius,r, g, b):

    colourByte=[]

    colourByte.append(r)

    colourByte.append(g)

    colourByte.append(b)

    for x in range(longRadius * -1, longRadius + 1):

        for y in range(longRadius * -1, longRadius + 1):
```

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            lengthOfLine = round(math.sqrt(x**2+y**2))

            if longRadius >= lengthOfLine and  shortRadius <= lengthOfLine:

                arrPage[int(x+centreX)][int(y+centreY)]=colourByte

    return arrPage


def saveToFile(Page,NameOfFile,VNum,cols,rows):

    myfile=open(NameOfFile+str(VNum)+".ppm",'w')

    myfile.write('P3' +"\n")

    myfile.write(str(cols)+" "+str(rows)+"\n")

    myfile.write(str(255)+"\n")

    for row in Page:

        for cVal in row:

            for c in cVal:

                myfile.write(str(c)+' ')

            myfile.write('\n')

    myfile.close()


def main():

    strFileName="ColoursAnnulus"

    intFileFrame=1

    intMaxCols=800

    intMaxRows=800

    arrPage=createBackground(intMaxCols,intMaxRows, 255,0,0)


    arrPage = drawCircleBorder(arrPage, int(intMaxCols/2),int(intMaxRows/2),398,370,60,60,160)

    arrPage = drawCircleBorder(arrPage, int(intMaxCols/2),int(intMaxRows/2),340,310,60,60,160)

    arrPage = drawCircleBorder(arrPage, int(intMaxCols/2),int(intMaxRows/2),280,250,60,60,160)
```

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        arrPage = drawCircleBorder(arrPage, int(intMaxCols/2),int(intMaxRows/2),220,190,60,60,160)

        arrPage = drawCircleBorder(arrPage, int(intMaxCols/2),int(intMaxRows/2),160,130,60,60,160)

        arrPage = drawCircle(arrPage, int(intMaxCols/2), int(intMaxRows/2), 80, 60, 60, 160)

        saveToFile(arrPage,strFileName,intFileFrame, intMaxRows, intMaxCols)


if __name__ == "__main__":

    main()


print("Programme finished")
```