

INSTRUCTIONS

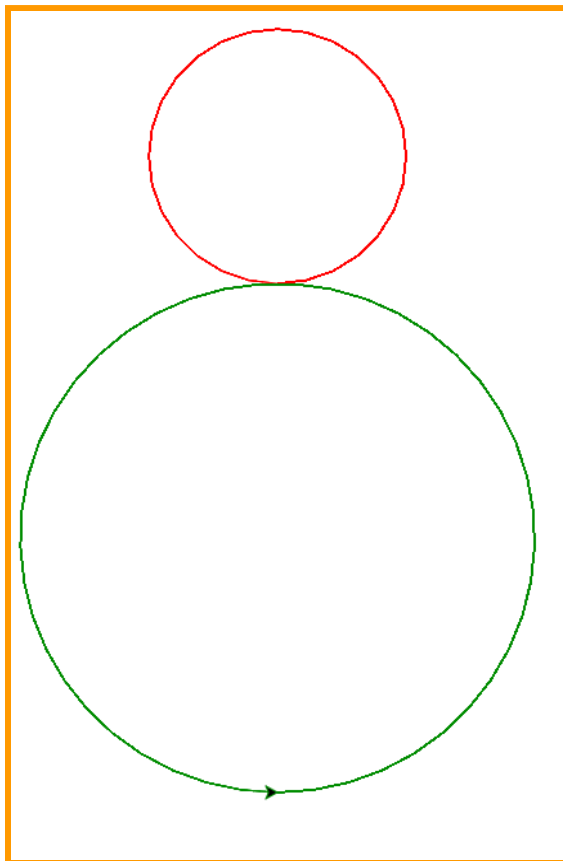
GOAL OF PROJECT

Remove the gaps between two circles given in the code such that both the circles horizontally touch each other and change the color of the pen to red and green respectively for the circles

GETTING STARTED

1. Go to the BlockPy platform link: <https://bit.ly/2QC2OYq>
2. Go to the project link provided for you to work on <https://bit.ly/2QC2OYq>
3. Click on “**Student_Project.py**”
4. Click on upload
5. Select the file we have just downloaded
6. Start coding in BlockPy platform

DESIRED OUTPUT:



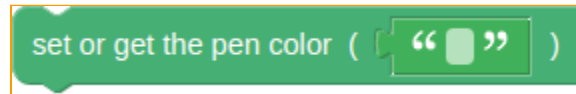
Some of the code is already being written

```
import turtle
pull turtle pen up ( )
move turtle to position ( - 200 200 )
pull turtle pen down ( )
set or get the pen color ( )
# Comment: write the color of pen in inverted commas
move the turtle in a circle ( 100 )
pull turtle pen up ( )
move turtle to position ( )
# Comment: write the location to fill the gap
pull turtle pen down ( )
set or get the pen color ( )
# Comment: write the color of pen in inverted commas
move the turtle in a circle ( 200 )
```

1. **Pull turtle pen up():** It is used to lift the pen from the screen which thus doesn't let the turtle show what it is drawing. It will be like an invisible ink
2. **Move turtle to position:** It is used to move the turtle to the various position we want it to move
3. **Pull turtle pen down():** It allows the pen to draw on the screen which will be visible. It is used only when "Pull turtle pen up()" is used.
4. **Set or get pen color():** It is used to give color to the pen while drawing
5. **Move the turtle in a circle:** It is used to make the turtle move in a circle where 100 and 200 are the radius of the circles respectively

Start Adding the code into the program in the block section

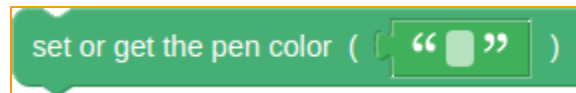
1. Add the color “**red**” in inverted commas into the block column of the first circle where space is kept blank in the **set or get pen color()**



2. Change the position of the second circle from (-50,50) to **(-200,-200)** so that it touches the first circle in a horizontal manner



3. Add the color “**green**” in inverted commas into the block column of the second circle where space is kept blank in the **set or get pen color()**



HINTS:

1. Add the color “**red**” in inverted commas into the block column of the first circle where space is kept blank in the **set or get pen color()**
2. Change the position of the second circle from (-50,50) to **(-200,-200)** so that it touches the first circle in a horizontal manner
3. Add the color “**green**” in inverted commas into the block column of the second circle where space is kept blank in the **set or get pen color()**