```
print(random.randint(1,9))
        yogi = Tex("Yogi Shah", color=BLACK).shift(5*RIGHT)
       self.play(Create(circleTransition), circleTransition.animate.scale(5.0), run time=2)
        self.play(Write(toptext),toptext.animate.to edge(UP),run time=1.5)
        self.play(Write(bottomtext), bottomtext.animate.to edge(DOWN))
```

```
sq5 = Square(side length=1.4).next to(sq4, LEFT, buff=0)
max) ", color=BLUE) .scale(0.40) .to edge(LEFT) .shift(UP*1.3)
       self.play(Write(t1), Write(t2), Write(t3), Write(t4), Write(t5))
       ar = Arrow(start=UP*0.3, end=DOWN, color=WHITE)
       self.play(Create(ar), ar.animate.move to(sq4.get center()).shift(UP*1.6))
       self.play(ar.animate.move to(sq3.get center()).shift(UP*1.6))
       self.play(sq5.animate.set stroke(color=inquestion), sq4.animate.set stroke(color=inquestion),
```

```
self.play(sq5.animate.set stroke(color=bad), sq4.animate.set stroke(color=bad),
self.play(t3.animate.set color(bad))
self.play(t4.animate.set color(bad))
self.play(t5.animate.set color(bad))
self.play(Swap(sq5,sq4),Swap(txt5,txt4),run time=2)
self.play(t3.animate.set color(bad))
self.play(t4.animate.set color(bad))
self.play(sq5.animate.set stroke(color=WHITE),sq1.animate.set stroke(color=WHITE),
self.play(ar.animate.move to(sq2.get center()).shift(UP*1.6),
self.play(t3.animate.set color(bad))
self.play(sq5.animate.set stroke(color=good), sq2.animate.set stroke(color=good),
self.play(sq5.animate.set stroke(color=WHITE),sq2.animate.set stroke(color=WHITE),
self.play(ar.animate.move to(sq3.get center()).shift(UP*1.6),
        t3.animate.set color(bad))
self.play(FadeIn(questionCircle), questionCircle.animate.scale(4), Write(questionText),
```

```
t22 = Text(" - While Array is UNSORTED", color=BLUE).scale(0.40).to edge(LEFT).shift(UP*1.3)
element", color=BLUE).scale(0.40).to edge(LEFT).shift(UP*0.1)
                                    SWAP", color=BLUE).scale(0.40).to edge(LEFT).shift(DOWN*0.7)
       self.play(FadeIn(questionCircle), Write(questionText), Write(questionText2))
       self.play(FadeOut(questionText21), FadeOut(questionText22),FadeOut(questionCircle))
       self.play(t32.animate.set color(GREEN))
self.play(ar.animate.move to(sq1.get center()).shift(UP*1.6),ar2.animate.move to(sq4.get center()).shif
               txt1.animate.set color(color=good), txt4.animate.set color(color=good),
self.play(ar.animate.move to(sq5.get center()).shift(UP*1.6),ar2.animate.move to(sq1.get center()).shif
                txt5.animate.set color(color=good),txt1.animate.set color(color=good))
self.play(ar.animate.move to(sq3.get center()).shift(UP*1.6),ar2.animate.move to(sq5.get center()).shif
               txt3.animate.set color(color=good),txt5.animate.set color(color=good))
```