















• We can use a while loop in this case

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Example

- A common feature in popular "action films" is an exciting chase scene.
- As an illustration of an animated chase scene, consider the hungry shark in this world. The shark is going to chase after and catch a fleeing fish.











VI	ove the shark while turning the torso
vo	id ewim () f
	an ann i f
1000	daTaaether {
	shark.torso 🕆 .turn(LEFT 🕆 , 0.05 revolutions 🕆); duration = 0.25 seconds 🕆 style = BEGIN_AND_END_ABRUPTLY
	sharkmove(FORWARD 0.1 meters _ k duration - 0.25 seconds _ style - BEGIN AND END ABRUPTLY _ r
ι,	
E	doTogether {
	shark.torso = .turn(RIGHT = , 0.1 revolutions =); duration = 0.5 seconds = style = BEGIN_AND_END_ABRUPTLY =
	shark = .move(FORWARD = , 0.2 meters =); duration = 0.5 seconds = style = BEGIN_AND_END_ABRUPTLY = m
,	
1	doTogether {
	shark.torso 🗧 .turn(LEFT 🗧 , 0.05 revolutions 📹); duration = 0.25 seconds 📹 style = BEGIN_AND_END_ABRUPTLY 🗉
	shark = .move(FORWARD = , 0.1 meters =); duration = 0.25 seconds = style = BEGIN_AND_END_ABRUPTLY = 1





















Example: Iteration in Order

- A typical chorus line dance involves each dancer (one after the other) kicking up one leg.
- · Possible storyboard:



























Summary You an use a counted for loop to repeat a block of statements a set number of times You can nest loops inside of each other You can use a function to calculate the number of times a loop should repeat You can use a while loop to repeat a block of statements while a condition is true or false You can use a list to organize your objects And to loop through them

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