



Flipping C	Coins
Problem: H heads?	low many flips does it take to get 3 consecutive
> How can	we simulate flipping a coin?
Recap:	
➤ Have the	game module
•flipC	Coin() and constants for HEADS and TAILS
• Now:	
➢ Write solu	ution using sentinel design pattern
> write solu	ition using a while True loop and break
Feb 18, 2022	game.py _{Sprenkle-CSCI111} consecutiveHeads.py ₃
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Motivation:	Text Processing	
 Mostly focused A little on grap 	l on numbers so far hics	
• We can manipu	ulate text to do useful work	
 Search: finding Understanding Analyzing web Many, many of 	most relevant documents to a query language logs (who is looking at my web page? thers	')
• Today's Focus: them	the str data type and what you	can do with
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Strings:	str	
 Used for Indicated In gene Empty s Use triple lines 	text I by double quotes "" or sing ral, I'll use double quotes string: "" or " e quotes """ for strings that	gle quotes '' go across multiple
	"""This string is long. Like, really, really long"""	
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String	; Opera	tions		
	Operand	Syntax	Meaning	
	+	str1 + str2	Concatenate two strings into one string	
	*	str * num	Concatenate string num times	
Exam	ples:			-
≻"I	feel "	+ "sleepy'	1	
• E	valuates to	o"I feel s	leepy"	
≻"0o	ops! "	* 3		
• E	valuates to	o"Oops! Oo	ps! Oops! "	
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