

IPO CHART

Program name:	[HiLo (CH6,E8)]	
INPUT	PROCESS	OUTPUT
Hint: What will the user input?	Hint: What is the program going to do with the input information?	Hint: What will the screen display after user input?
Welcome to the Hi-Lo Game! You start with 1000 tokens. Enter your bet amount: 500 Will the next number be (H)igher or (L)ower?: h	<pre>System.out.print("Will the next number be (H)igher or (L)ower?: "); char guess = input.next().toUpperCase().charAt(0); int number = (int) (Math.random() * 13) + 1; System.out.println("The number is: " + number); if (number >= 8 && guess == 'H') { System.out.println("You guessed correctly! You win " + bet + " tokens!"); tokens += bet; } else if (number <= 6 && guess == 'L') { System.out.println("You guessed correctly! You win " + bet + " tokens!"); tokens += bet; } else if (number == 7) { System.out.println("The number is 7 — it's neutral. No tokens gained or lost."); } else { System.out.println("Wrong guess! You lose " + bet + " tokens."); tokens -= bet; }</pre>	<p>The number is: 1 Wrong guess! You lose 500 tokens. You now have 500 tokens. Play again? (Y/N):Y</p> <p>Then: Enter your bet amount: OR</p> <p>The number is: 11 You guessed correctly! You win 500 tokens! You now have 1500 tokens. Play again? (Y/N):N</p> <p>Then: Thanks for playing! You ended with 1500 tokens.</p>

