

IPO CHART

Program name:	Prime numbers	
INPUT	PROCESS	OUTPUT
The user will input any number	<p>Declared needed variables: <i>Int num</i> (randomly generate number from 1-20) <i>Int guess</i> (used to hold inputted number by player)</p> <p>Program takes <i>num</i> and checks if it is a prime number using a method with an if and for statement inside. If it is not a prime number returns false which triggers an output message that says the number you input is not a prime number. If it passes all the checks for prime numbers and returns true, then outputs a message saying that the number you input is a prime number</p>	<p>If the user got the guess right, it outputs "(input) is a prime number."</p> <p>If the user got the guess wrong, it outputs "(input) is not a prime number."</p>