

Unit 3 CodeBot Vocabulary

Mission 6 – Line Follower	
list	A sequence of items you can access with an index
tuple	Read-only form of list
Or (Logical operator)	Multiple conditions to compare, testing if either one or the other or both is true
Hard coded values	Specific numbers used in code that can be replaced with a variable or constant
globals	Variables defined outside of a function; they are available during the entire program and can be accessed throughout the entire program
locals	Variables defined inside a function; they only exist while the function is running and can only be accessed in the function
Int (integer)	A value that is an integer; designated by int in Python; can be positive or negative
Float (decimal)	A value that is a decimal, also known as a floating point; can be positive or negative
auto-calibrate	Use CodeBot sensors to automatically adapt to its environment by detecting lines and objects and setting parameters like is_reflective and thresh.
Mission 7 – Hot Pursuit	
Proximity sensors	Infrared (IR) sensors that can detect nearby objects based on the reflected IR light
Detection sensitivity	How much light is needed for the proximity sensor to detect an object (from 1 to 100)
Emitter power level	The brightness of CodeBot's IR flashlight, with settings from 1 to 8 (high power)
Not (logical operator)	A special kind of logical operator that needs only one Boolean operand, and inverts it; it can be used to toggle a Boolean variable