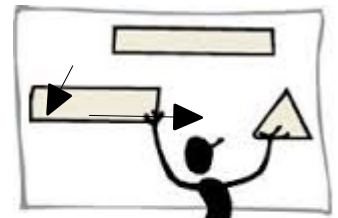


HOUR OF CODE



Can we talk to a computer???

Can a computer understand what we say?



YES, if we transform instructions into a **SYMBOLIC** language:

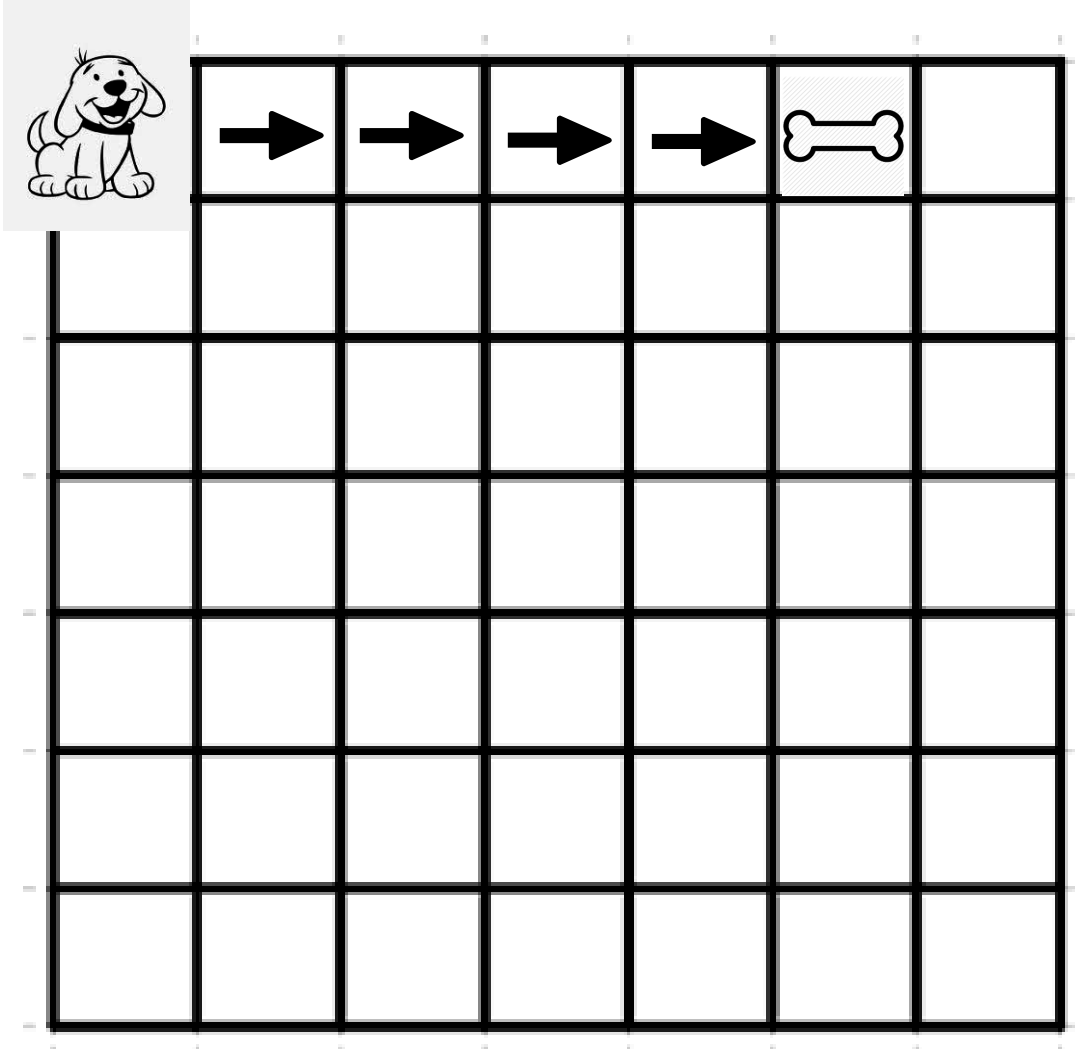
a **CODE**.



Exercise 1:

To help the *DOG* to get to the *BONE* we use this symbol and code word:

→ move forward



So the **CODE** for the dog is: →, →, →, →

and the instructions are: move forward, move forward, move forward, move forward

Using another **CODE INSTRUCTION**, I can write: REPEAT 4x move forward

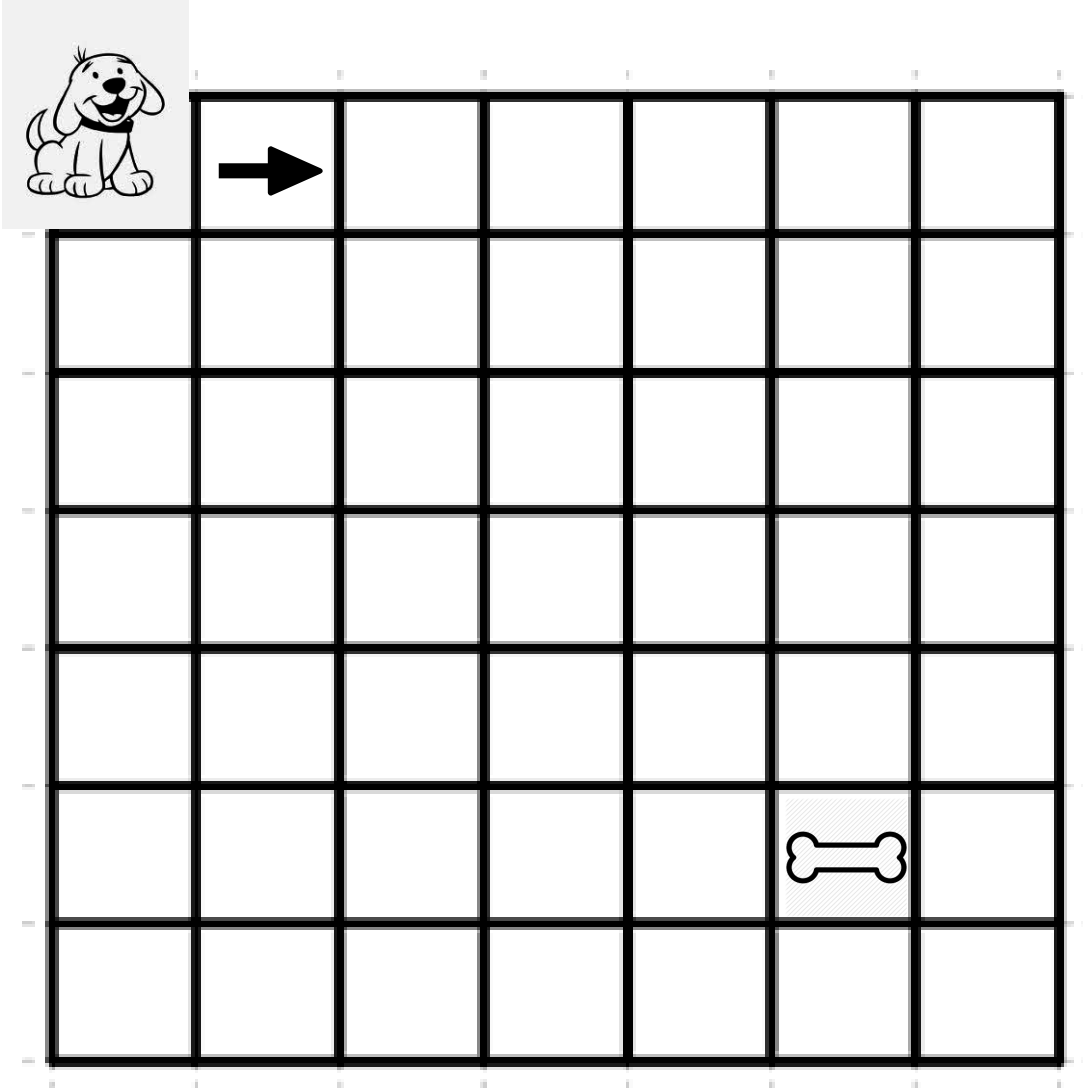
Exercise 2:

Where is the bone now? To help the DOG to get to the BONE we use these symbols and code words:

→ move forward

↑ move up

↓ move down



So the CODE for the dog is: →, _____

and the instructions are: move forward, _____

Using REPEAT, I can write: REPEAT ____x _____

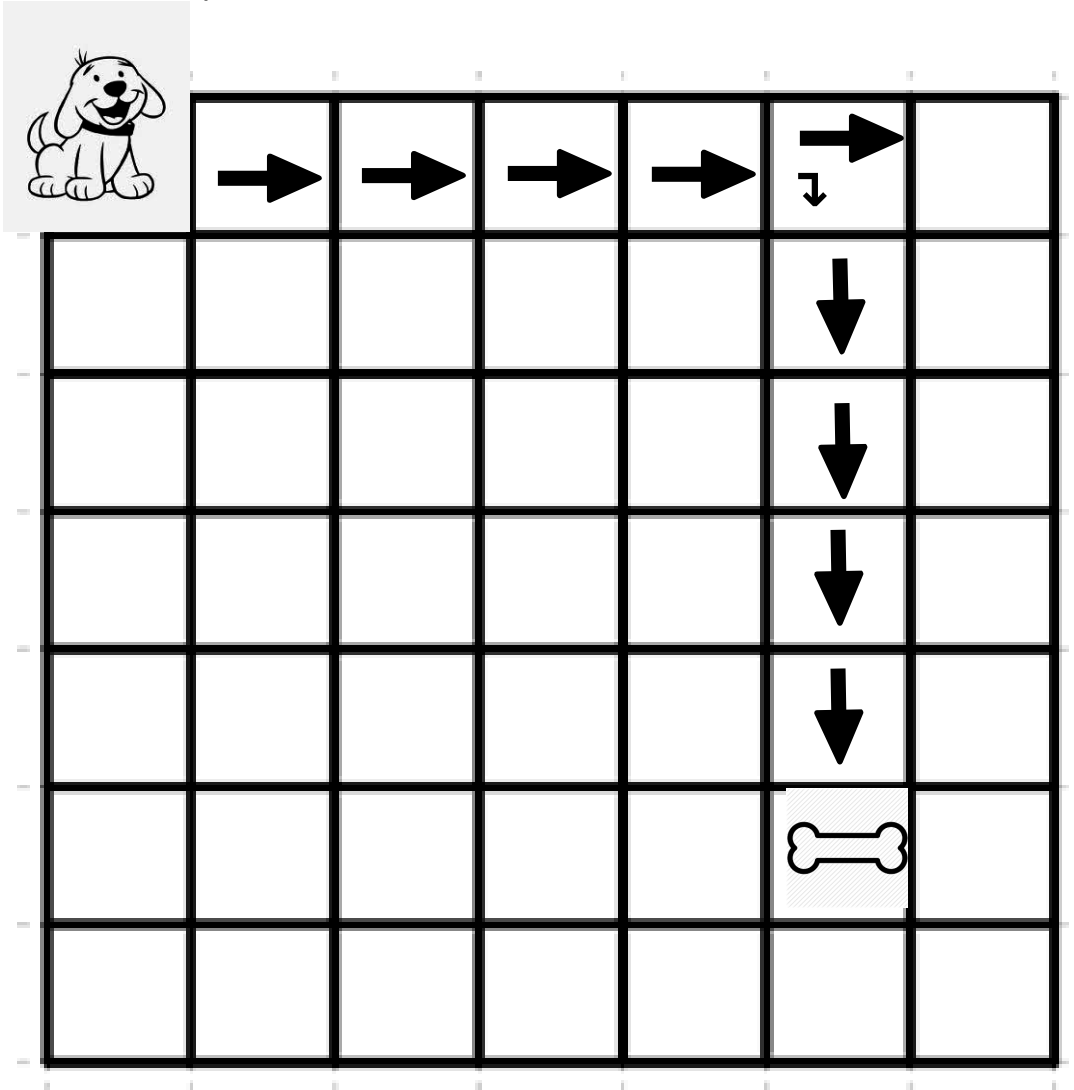
Exercise 3:

Let's add some new symbols and code words:

→ move 1 square forward

↻ turn RIGHT

↶ turn LEFT



So the CODE for the dog is: →, _____

and the instructions are: move forward, _____

Using REPEAT, I can write: **REPEAT** ___ x move forward
