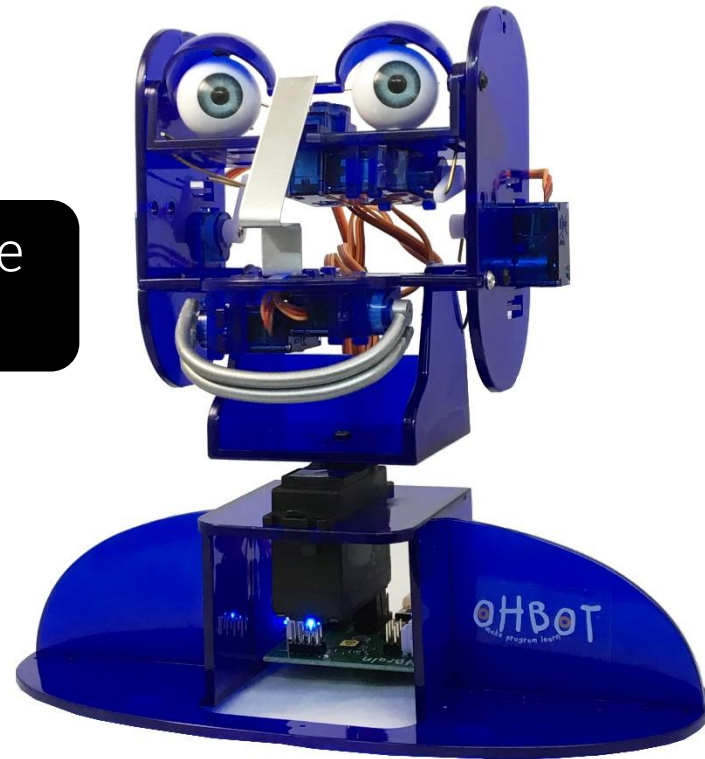
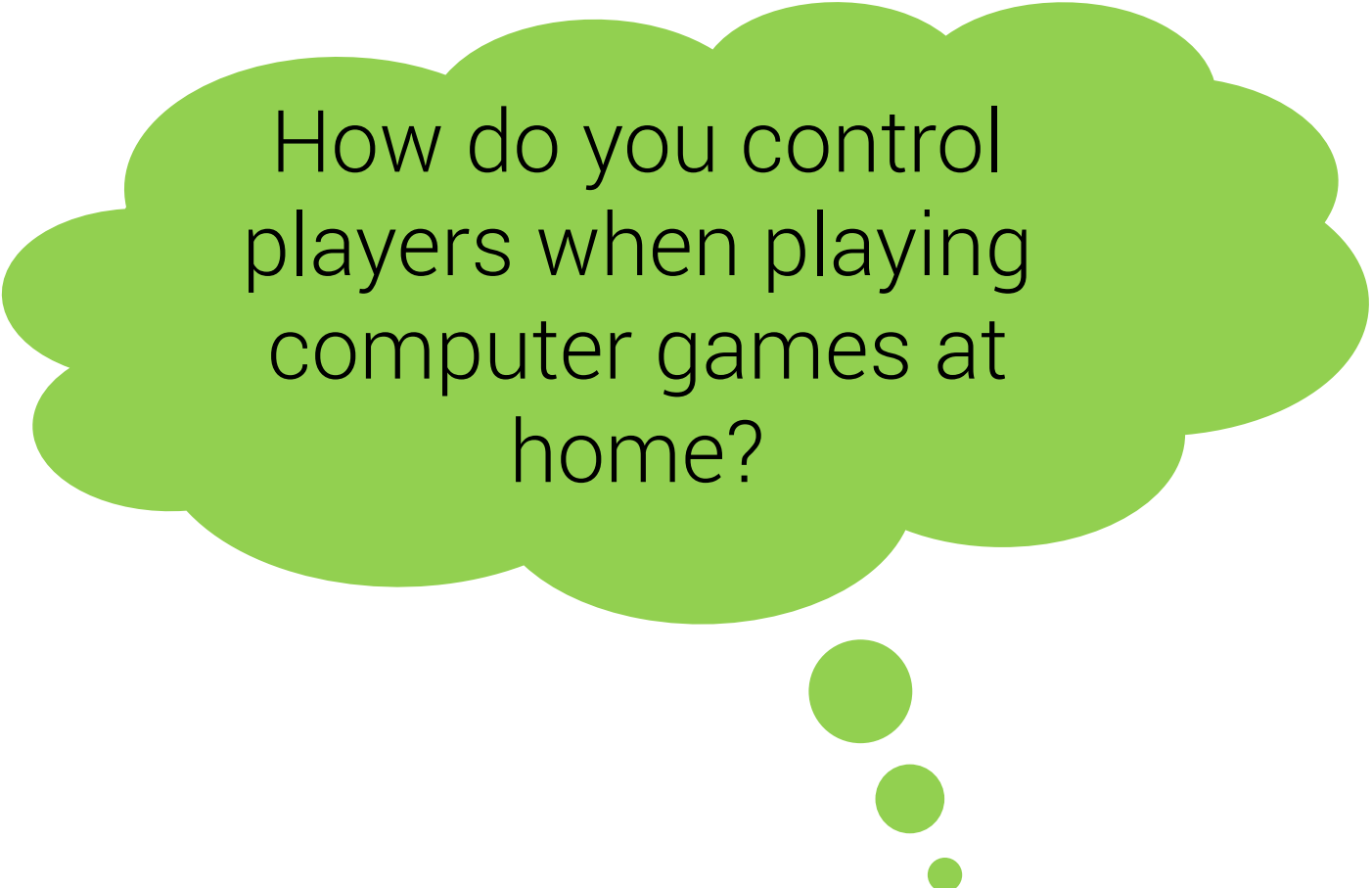


## Lesson 2: Key Moves

I can program a robot to move when keys are pressed





How do you control  
players when playing  
computer games at  
home?

## Demonstration

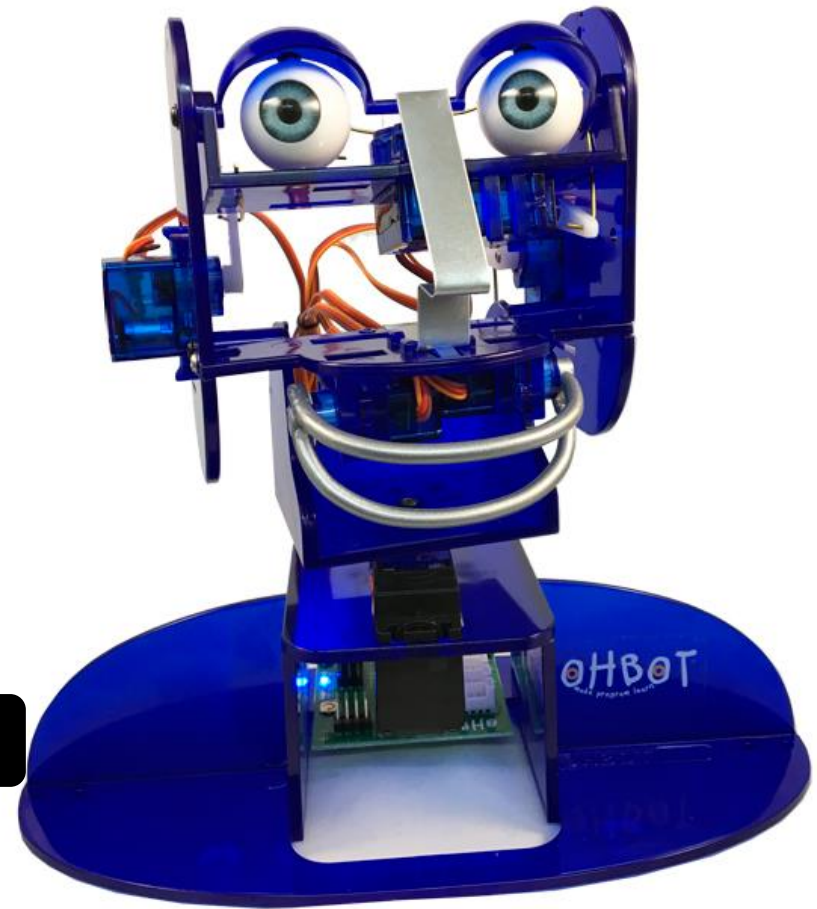
I can also be controlled using the keyboard.

Example

N for head nod

S for head shake

*File, Save As* – Keyboard N and S



Demonstration

Keyboard events

when S key pressed

set HeadTurn to 0

wait .5 secs

set HeadTurn to 10

wait .5 secs

set HeadTurn to 5

when N key pressed

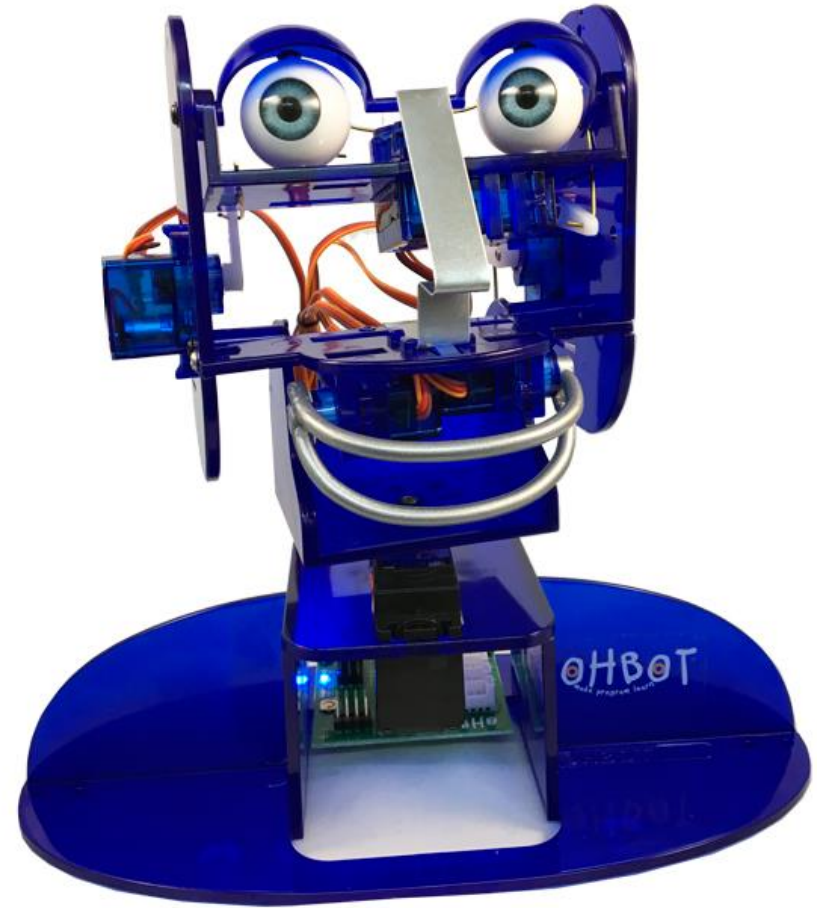
set HeadNod to 0

wait .5 secs

set HeadNod to 10

wait .5 secs

set HeadNod to 5

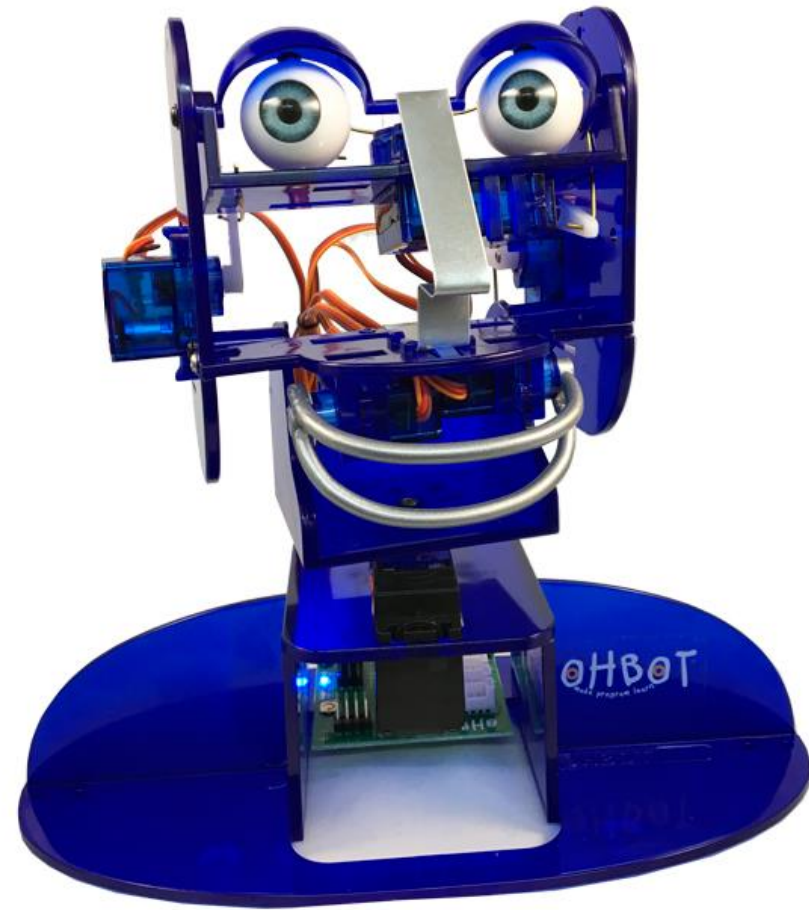


## Activity 1

Can you write some code to use the keyboard to control my eyes?  
U for looking up and down  
L for looking left and right

## Extension

Can you write some code to use the keyboard to control my lips?  
T for top lip  
B for bottom lip



My head will only continue to move up and down if the N (for nod) key is pressed again and again.

Investigate

Can you find a way to change the program so that my head moves up and down 10 times without having to keep pressing the key?

