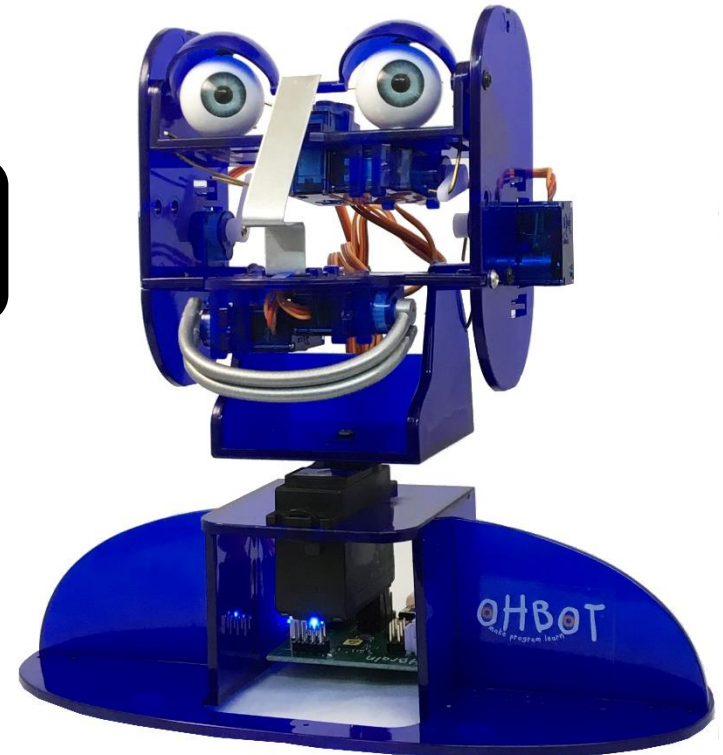


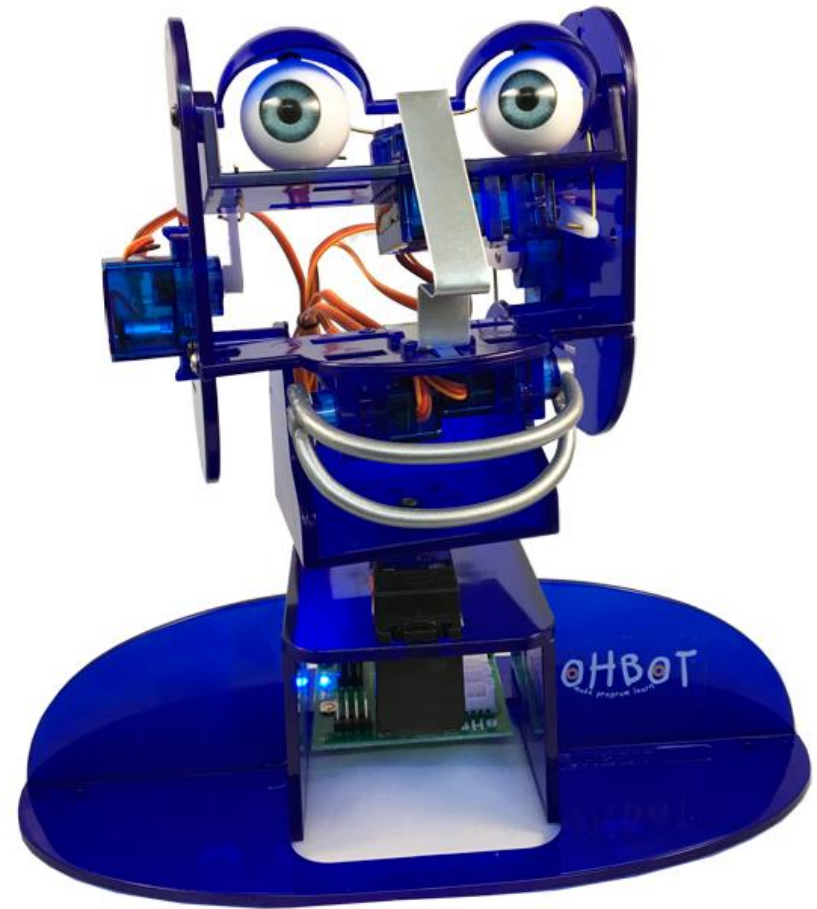
Lesson 1: Shaky Sequence

I can program a robot to carry out a sequence of movements



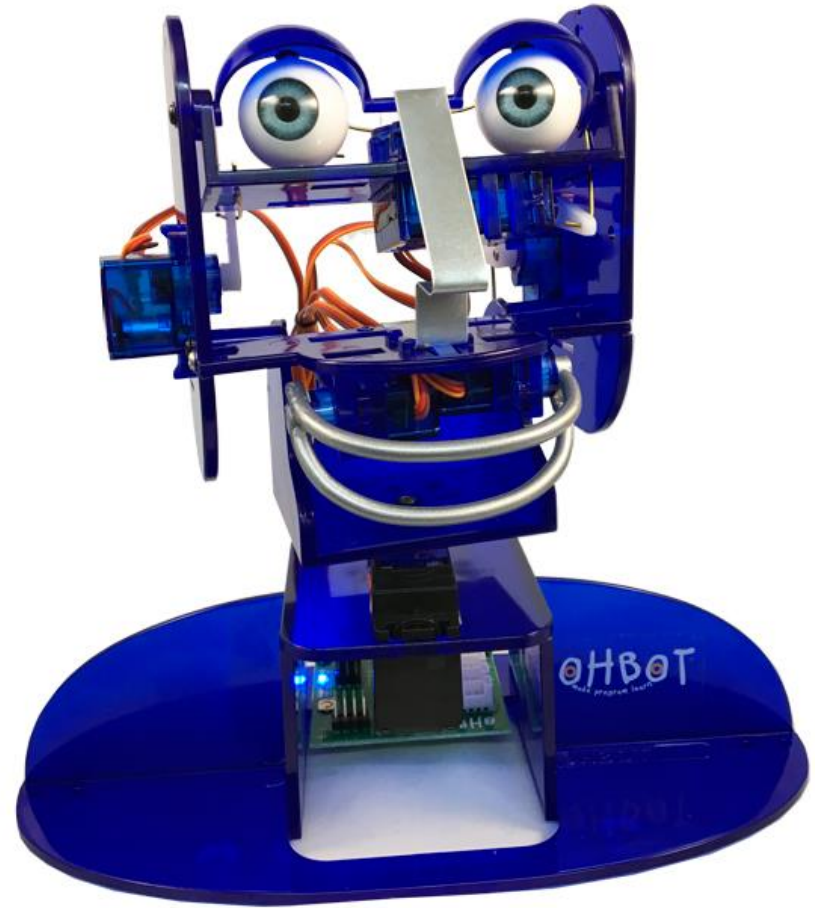
Together we will write a program to make my head move left to right.

File, Save As – head shake



Head shake example

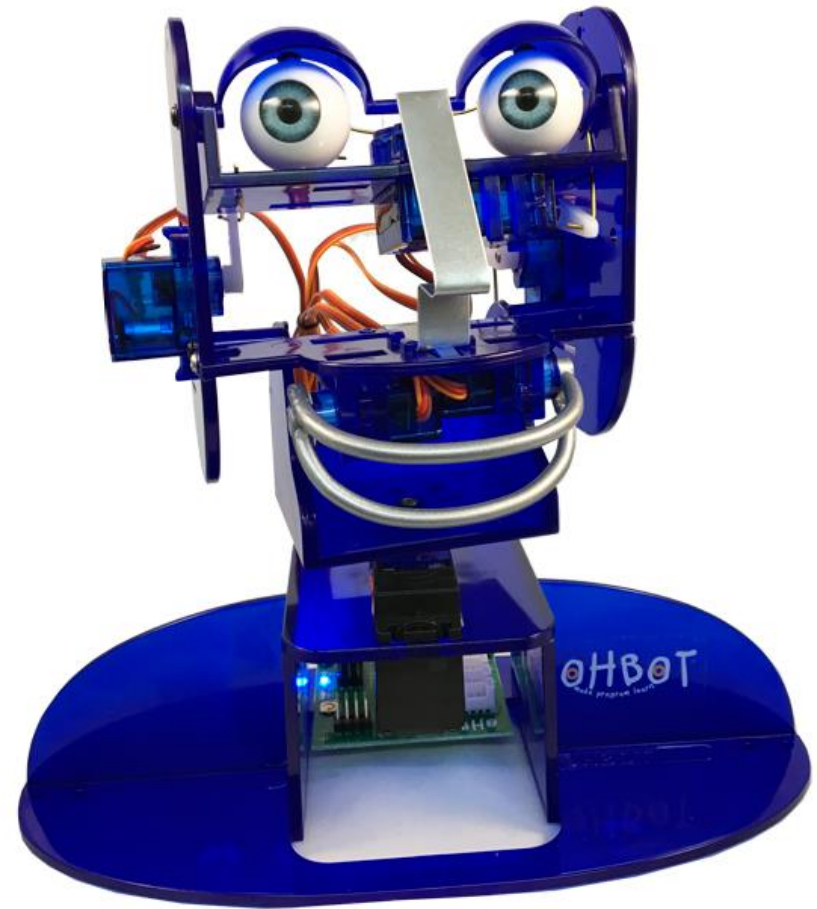
```
when clicked
set HeadTurn to 10
wait 1 secs
set HeadTurn to 0
wait 1 secs
set HeadTurn to 10
wait 1 secs
set HeadTurn to 0
wait 1 secs
set HeadTurn to 5
```



Activity 1

Can you write a program to make my head nod up and down?

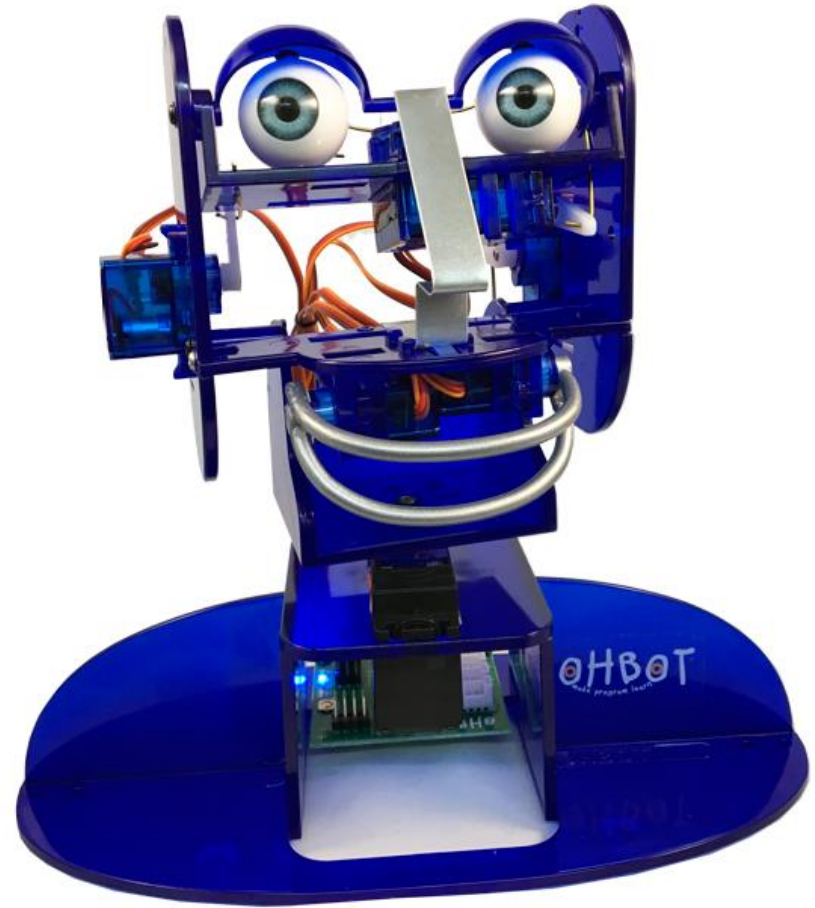
File, Save As – head nod



Activity 1

Head nod example

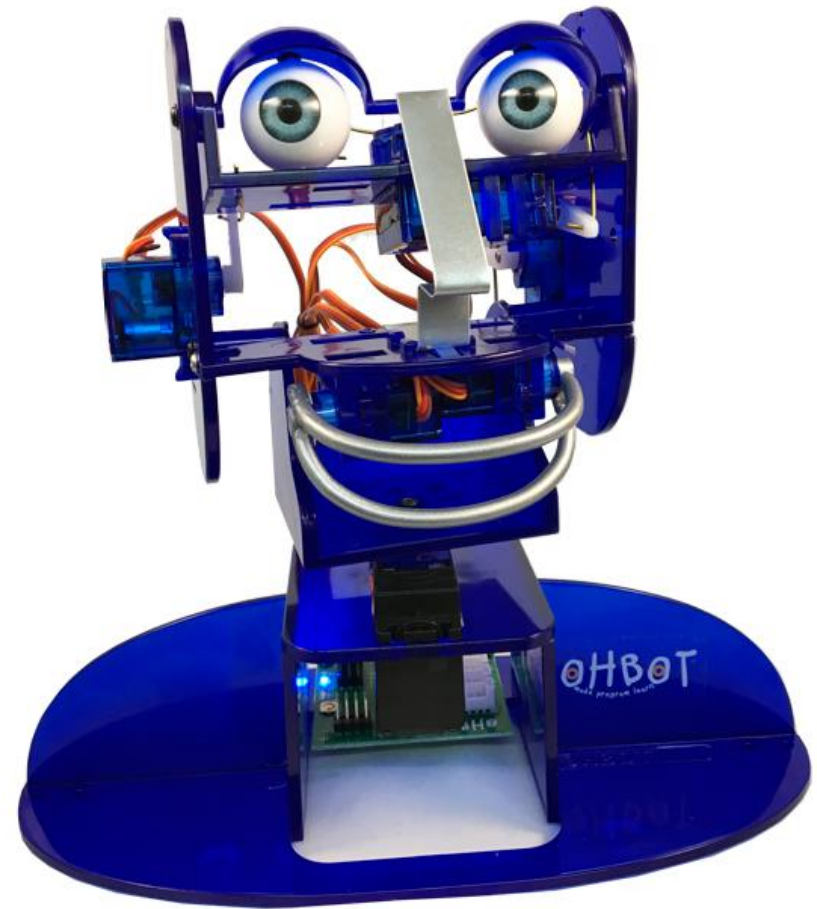
```
when clicked
set HeadNod to 0
wait 1 secs
set HeadNod to 10
wait 1 secs
set HeadNod to 0
wait 1 secs
set HeadNod to 10
wait 1 secs
set HeadNod to 10
wait 1 secs
set HeadNod to 0
wait 1 secs
set HeadNod to 10
wait 1 secs
set HeadNod to 5
```



Activity 2

Can you write some code to make my eyes look from left to right?

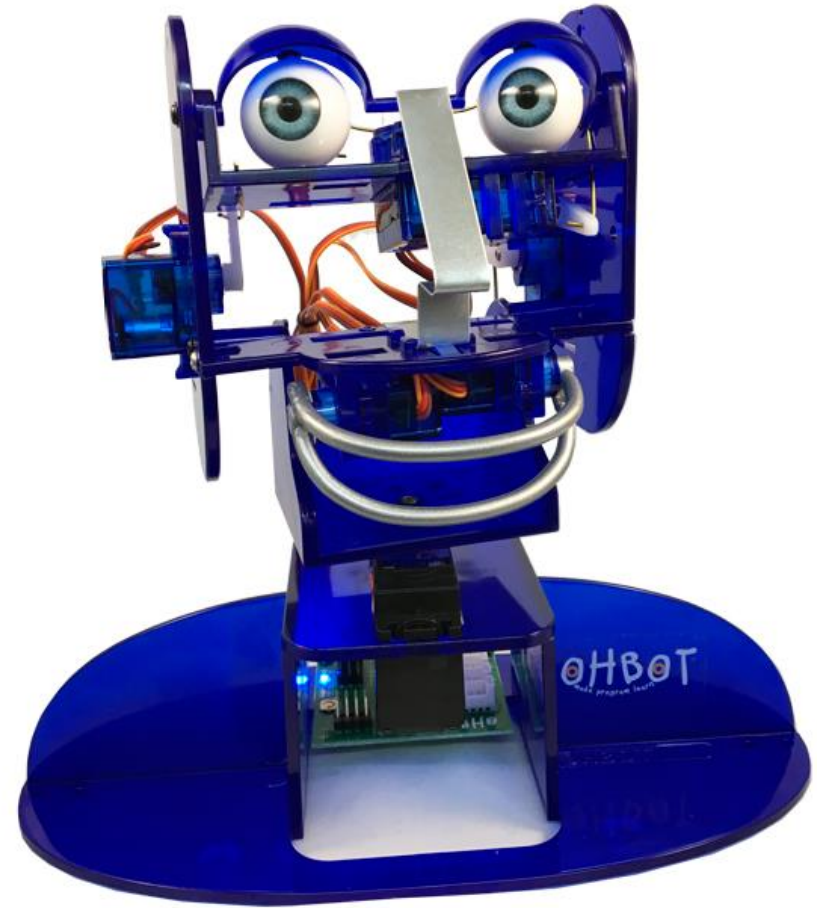
File, Save As – eyes left



Activity 2 example

Eyes – left to right

```
when clicked
set EyeTurn to 10
wait 1 secs
set EyeTurn to 0
wait 1 secs
set EyeTurn to 10
wait 1 secs
set EyeTurn to 0
wait 1 secs
set EyeTurn to 5
```



Activity 3

Can you write a program to make my eyes look up and down?

File, Save As – eyes up

Extension

Can you write a program to make other parts of me move?

