

Pencil Code

<https://goo.gl/kazgNt>

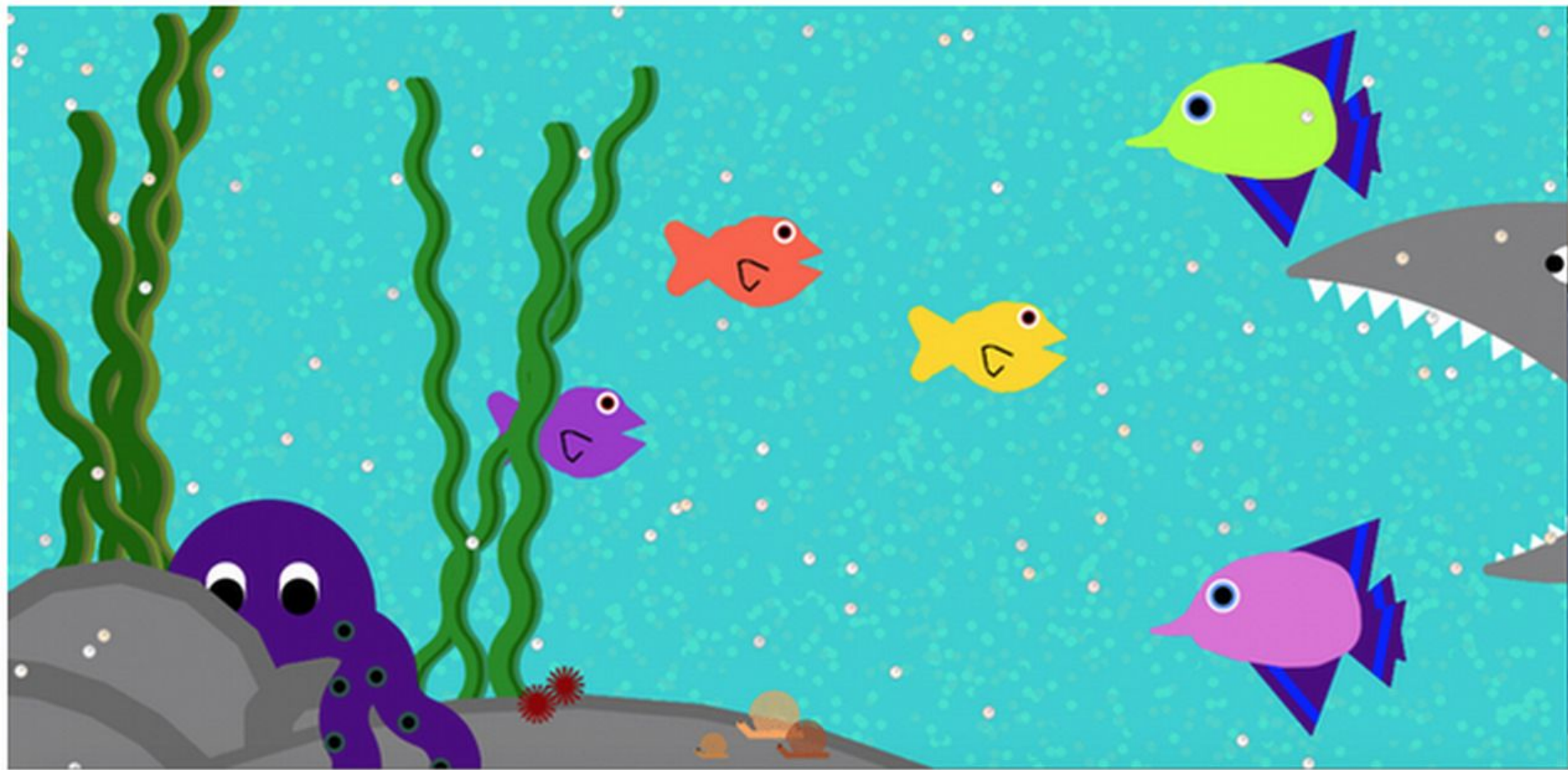
AP CSP Pilot Workshop
Austin, TX
July 23, 2015

Pencil Code

<https://goo.gl/kazgNt>

- ❑ Developed by David Bau at Google
- ❑ Seamless transition between blocks and text
- ❑ IDE supports Coffeescript, Javascript, HTML
- ❑ Code shared on web

pencilcode.net



Student work in CS 1004 January 2015 -- <http://www.cs.middlebury.edu/~briggs/Courses/CS1004-W15>

Hello!

What is your name? Amy

Hello, Amy. My name's Hal.

Tell me, Amy - how are you today? Great, how are you?

That's good to hear. I'm also doing well.

Would you like me to turn into a dragon? no thanks

Hal: Too bad. I do what I want.

Hal: Now how about you ask me some questions. I know you have some.

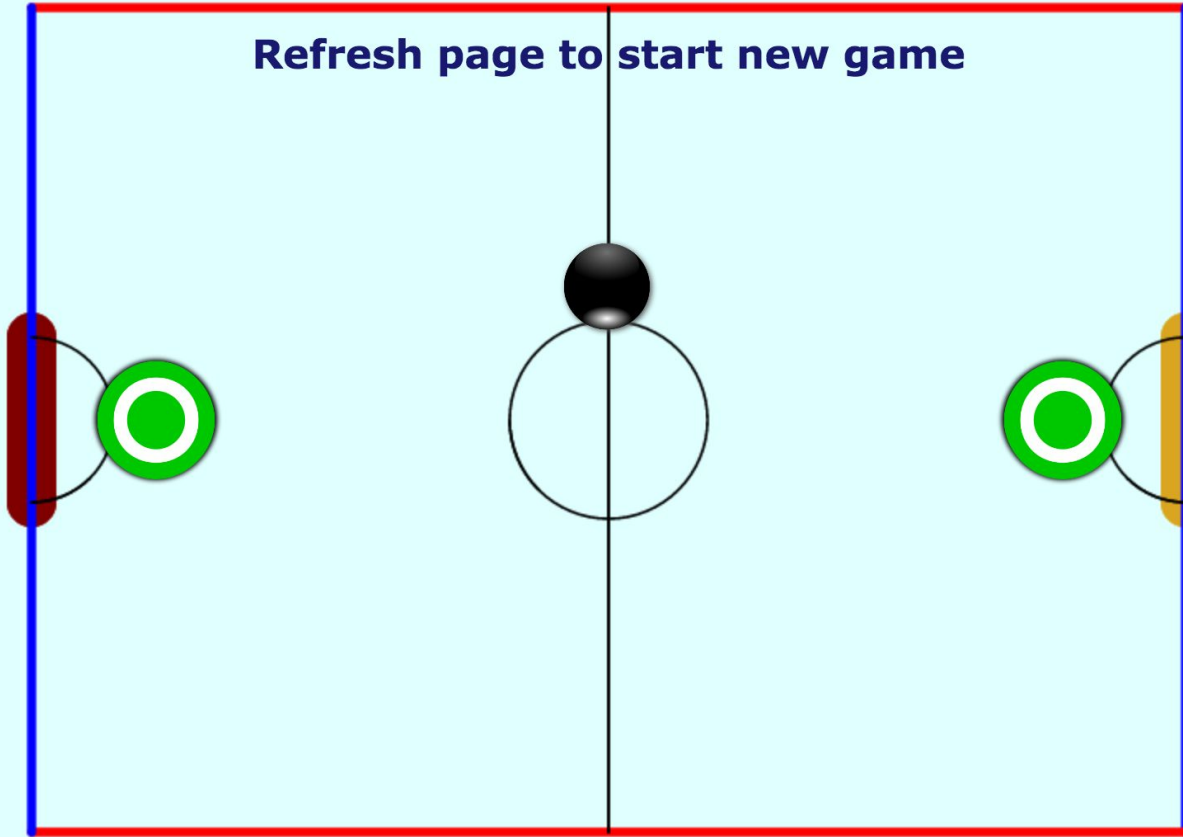
If you get tired of talking to me, just let me know.

Amy:



Air Hockey!

Refresh page to start new game



Links

<https://goo.gl/kazgNt>

gym.pencilcode.net

ref.pencilcode.net

book.pencilcode.net [[PDF version](#)]

activity.pencilcode.net

guide.pencilcode.net

pencilcode.net/material/reference.pdf

Examples

<https://goo.gl/kazgNt>

[gym.pencilcode.net](https://goo.gl/kazgNt/gym.pencilcode.net)

[scene.pencilcode.net](https://goo.gl/kazgNt/scene.pencilcode.net)

[example.pencilcode.net](https://goo.gl/kazgNt/example.pencilcode.net)

Today

<https://goo.gl/kazgNt>

1. play with gym.pencilcode.net
2. play with scene.pencilcode.net
3. create an account on pencilcode.net
4. create a program!
5. share your program!

Email program link to briggs@middlebury.edu

Our projects

<https://goo.gl/kazgNt>

Group 1:

[Recursive squares](#)

[Fibonacci](#)

[House](#)

[Random Drawing](#)

[Body and Soul](#)

[CS Quiz](#)

Group 2:

[Pinwheel](#)

[Circle of Stars](#)

Group 3:

[Let It Be](#)

[Random Shapes](#)

[Twinkle](#)