

# 2D Arrays

# 2D Arrays

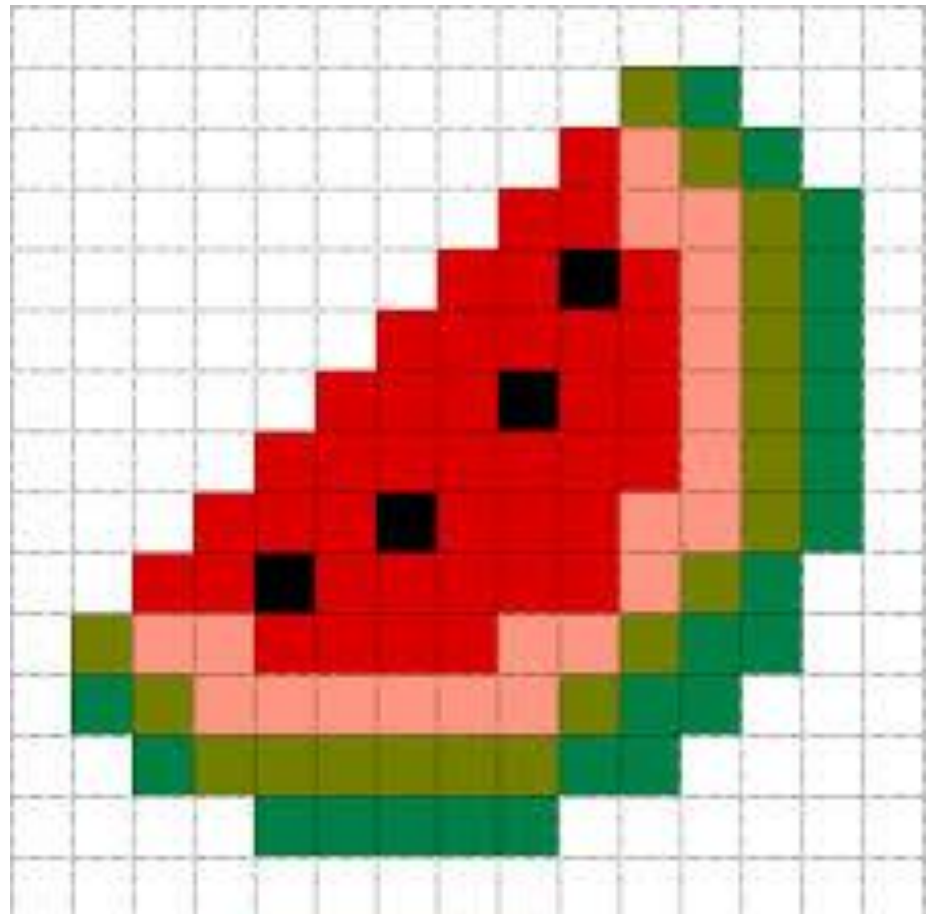
```
type[][] name = new type[rows][columns];
```

```
int[][] a = new int[3][5];
```

	<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
<i>0</i>	a[0][0]	a[0][1]	a[0][2]	a[0][3]	a[0][4]
<i>1</i>	a[1][0]	a[1][1]	a[1][2]	a[1][3]	a[1][4]
<i>2</i>	a[2][0]	a[2][1]	a[2][2]	a[2][3]	a[2][4]

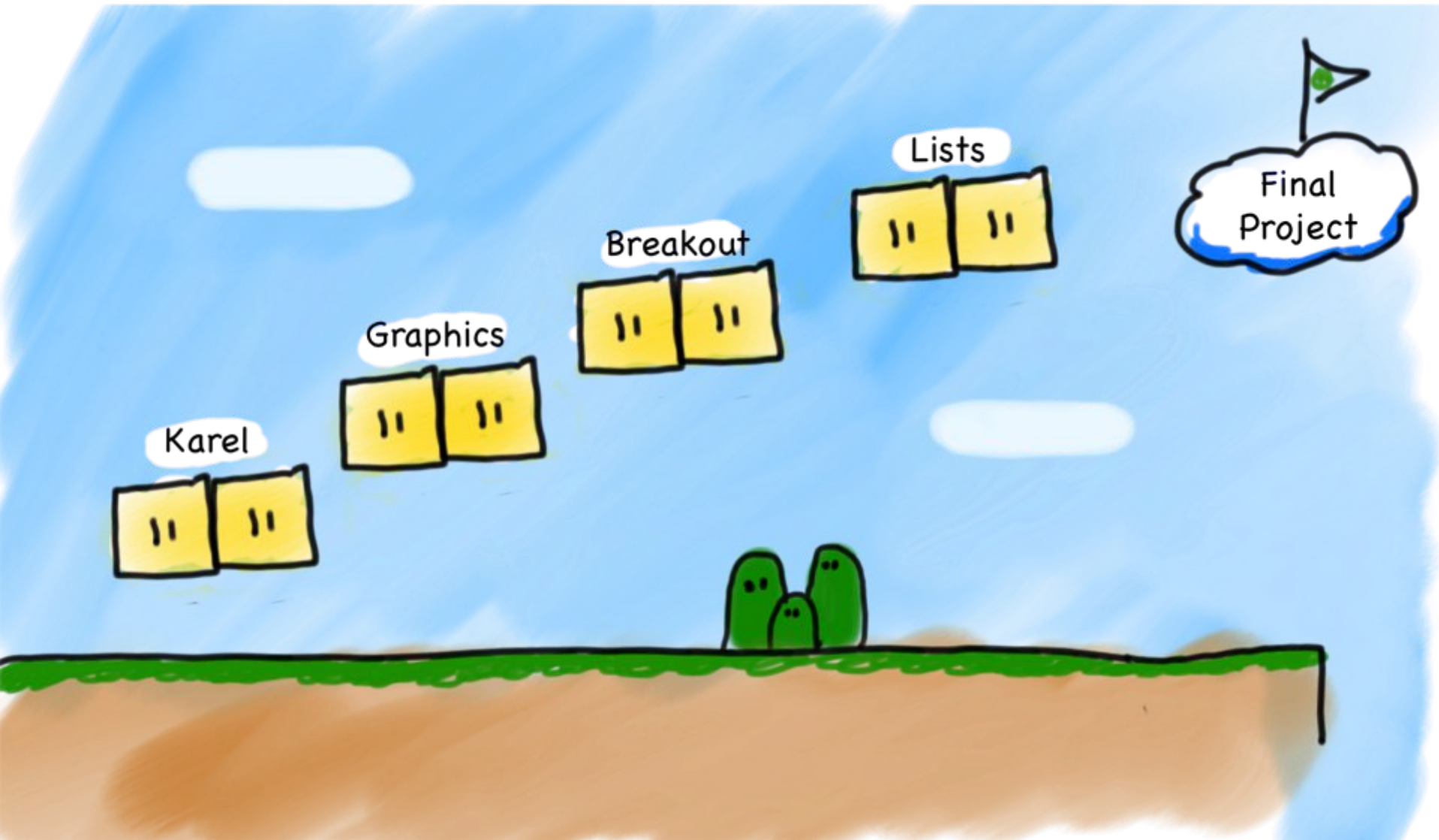
# 2D Arrays

- A picture is just a 2D array of pixels.
- Each pixel contains three values (Red, Green, Blue)



# Image Processing

# Review



# Continuing Onwards

- Lots of Resources
  - [CS106A Website](#)
  - [Videos of old 106A offering](#)
  - [Videos of a more recent offering of 106A](#)
- [Koc Comp130](#)
- And many other courses are online too

# Continuing Onwards

- Go Find Your Own!
- Seek out someone in CS (or any other field) and see if you can ask them some questions

# Thank your teachers!

## Teachers



**Tyler**



**Greg**



**Matyas**



**Jaroslav**



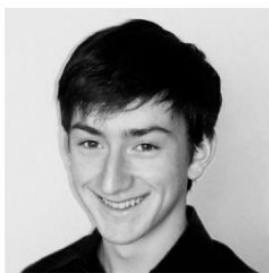
**Julia**



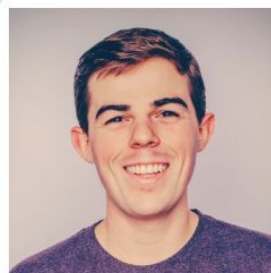
**Marek**



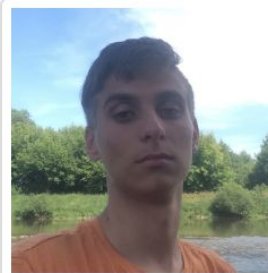
**Radek**



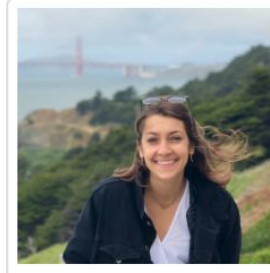
**Sam**



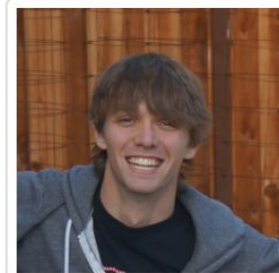
**Travis**



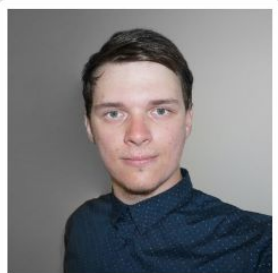
**Vaclav**



**Zoe**



**Bryce**



**Milan**



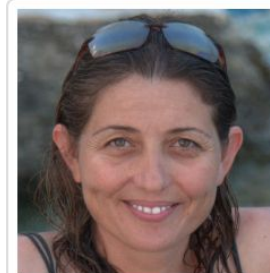
**Veronika**



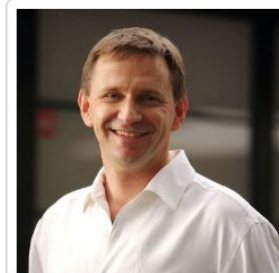
**Jirina**



**Josef**



**Asena**



**Nick**



# Logistics

- No lecture tomorrow
- Lab starts at 10:00
- Submit projects by 11:30 on Friday
- “Graduation” is here Friday at 14:00
- Remember to fill out the [survey](#) before you leave lab Friday morning right before lunch

# Projects

- We will show a few projects that we found interesting. We look for:
  - Beautifully written code. (Good style)
  - Difficult coding tasks
  - Creative project ideas

Now, for a selfie