Welcome to Coding!

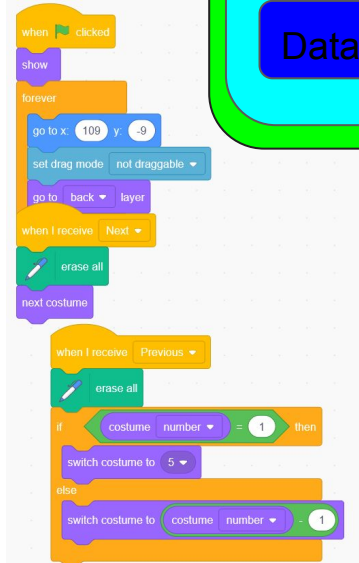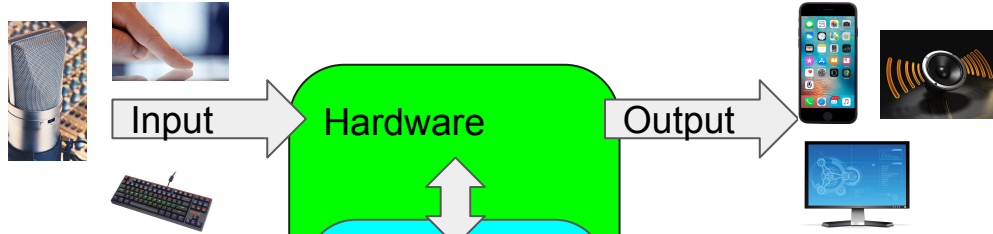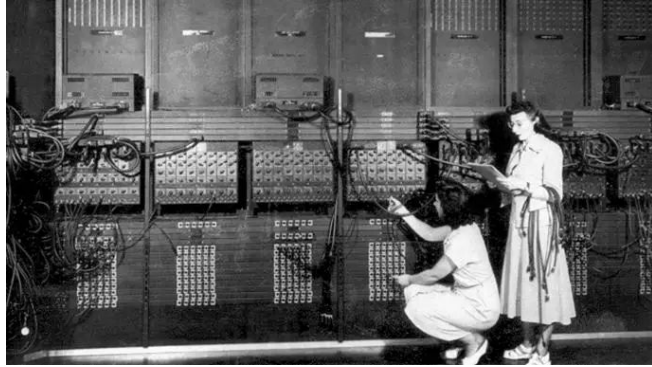Chris Hurley 2021-10-07

About me

I'm Chris Hurley.

Graduated UC Davis in 2009 with a degree in Computer Engineering.

Love to code and play with technology. Also coach tee-ball, play board/video/rhythm games.

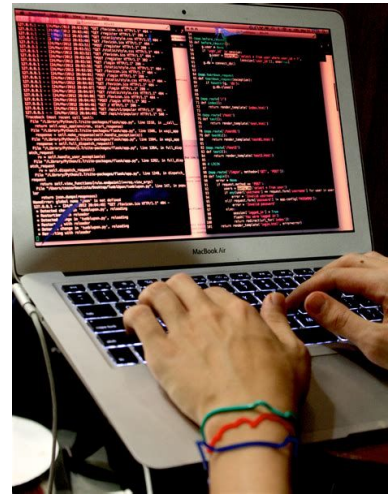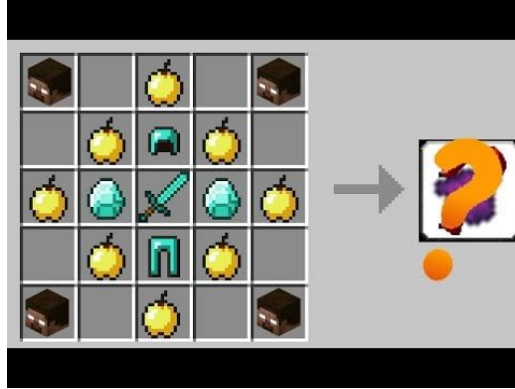Work as a Software Engineer at Intel.

What is code??

Input → Hardware → Output

Software

Code

Data

```python
class SetUtil:
    @classmethod
    def __init__(cls):
        cls.set_jsons = {'M12':'M12.json'}
        cls.sets = {}
        for set_code, file_name in cls.set_jsons.iteritems():
            json_file_path = os.path.join(os.path.dirname(__file__),
                                          'set_data', file_name)
            with open(json_file_path) as json_file:
                cls.sets[set_code] = json.load(json_file)

    @classmethod
    def generate_booster(cls, set_code):
        cards = []
        rarity_counts = collections.Counter()
        # print(str(cls.sets.keys()))
        for booster_slot in cls.sets[set_code]['booster']:
            # print('booster_slot='+str(booster_slot))
            if isinstance(booster_slot, basestring): #it is a rarity name
                if(booster_slot == 'mythic' or booster_slot == 'rare'
                   or booster_slot == 'uncommon' or booster_slot == 'common'):
                    rarity_counts[booster_slot] += 1
            else: #it is a list of rarities like rare or mythic rare
                #TODO: fix mythic/rare selection
                for i in range(8):
                    booster_slot.append('rare')
                rarity_counts[random.choice(booster_slot)] += 1
```

What are we going to do?

Play with code.

Create stuff.

Have fun!

Today

Hour of code activity:

1. Find one partner or go it alone.
2. Go to: code.org > click "Do an hour of code" or
    https://code.org/hourofcode/overview
3. Choose "Dance Party" or "Minecraft"