Self-determination
de·ter·mi·na·tion (noun)

1. firmness of purpose; resoluteness.

2. the process of establishing something exactly by calculation or research.

3. the controlling or deciding of something's nature or outcome.
de·fine (verb)

1. state or describe exactly the nature, scope, or meaning of.

2. mark out the boundary or limits of.
9. Tuples

9.1. Tuples are used for grouping data

We saw earlier that we could group together pairs of values by surrounding with parentheses. Recall this example:

```python
```

This is an example of a data structure — a mechanism for grouping and organizing data to make it easier to use.

The pair is an example of a tuple. Generalizing this, a tuple can be used to group any number of items into a single compound value. Syntactically, a tuple is a comma-separated sequence of values. Although it is not necessary, it is conventional to enclose tuples in parentheses:

```python
```

Tuples are useful for representing what other languages often call records — some related information that belongs together, like your student record. There is no description of what each of these fields means, but we can guess. A tuple lets us “chunk” together related information and use it as a single thing.

Tuples support the same sequence operations as strings. The index operator selects an element from a tuple.

```python
>>> julia[2]
1967
```

But if we try to use item assignment to modify one of the elements of the tuple, we get an error:

```python
>>> julia[0] = "X"
TypeError: 'tuple' object does not support item assignment
```

So like strings, tuples are immutable. Once Python has created a tuple in memory, it cannot be changed.
Defining... you?
Who/what defines you?

**INTERNAL NARRATIVE**

- Beliefs
- Preferences
- Feelings
- Goals
- Motivations

**EXTERNAL INFLUENCES**

- Family/friends
- Love interest
- Spiritual affiliation
- Teachers/Classmates
- Boss/Co-workers
- Policy-makers/legislators
- Social media
- Marketing/advertising
- Circumstances/environment
Should I …?

INTERNAL NARRATIVE

Beliefs
Preferences
Feelings
Goals
Motivations

EXTERNAL INFLUENCES

Policy-makers
Social media
Marketing/advertising
Circumstances/environment

Family/friends
Love interest
Spiritual affiliation
Teachers/Classmates
Boss/Co-workers

YES

NO
KUJICHAGULIA

Self-Determination

To define ourselves, name ourselves, create for ourselves and speak for ourselves.
de·fine (verb)

1. state or describe exactly the nature, scope, or meaning of.

2. mark out the boundary or limits of.
Defining... me?
My Journey
What defined me?

Louisiana education 1997-1998

- Low math/reading achievement
- High dropout rate
- Low high school completion rates
- Low education expenditures per student
What defined me?

• single-parent household
• poverty
• foster care
Defining myself... who am I?
import datetime

class Human():
    rights = ('life', 'liberty', 'pursuit of happiness')

    def __init__(self, name, mother, father, external_influences, randomness, society):
        self.birthdate = datetime.datetime.now()
        self.age_years = 0
        self.name = name
        self.mother = mother
        self.father = father
        self.external_influences = external_influences
        self.randomness = randomness
        self.society = society
        self.genetics = set_genetics(mother, father, randomness())
        self.beliefs = None
        self.goals = None
        self.motivations = None
        self.beauty = society.beauty_standards(self)
        self.gender = set_gender(self.genetics, randomness())
        self.race_ethnicity = set_race_ethnicity(mother, father)
        self.socioeconomic_status = set_socioeconomic_status(mother, father, external_influences)
        […]
def set_genetics(self, mother, father, randomness):
    <....>

@staticmethod
def set_gender(**kwargs):
    <....>

def set_beauty(self, beauty_standards):
    self.beauty = self.society.beauty_standards(self)

def set_beliefs(self, influences):
    <....>

def set_goals(self, influences):
    <....>

def set_motivations(self, influences):
    <....>
Overriding the default methods

```python
# Instantiate Sydeaka ~ 1981
sydeaka = Human(name='Sydeaka Watson', sydeakas_mother, sydeakas_father, external_influences,
randomness, society)

def my_beauty(self, my_beauty_standards):
    <....>

def my_beliefs(self, my_influences):
    <....>

def my_goals(self, my_influences):
    <....>

def my_motivations(self, my_influences):
    <....>

import types

sydeaka.set_beauty = types.MethodType(my_beauty, sydeaka)
sydeaka.set_beliefs = types.MethodType(my_beliefs, sydeaka)
sydeaka.set_goals = types.MethodType(my_goals, sydeaka)
sydeaka.set_motivations = types.MethodType(my_motivations, sydeaka)
<....>
```
Who am I?

- Human
- African-American
- Woman
- Fulfillment of the dream my ancestors fought for
- Beautiful
- Worthy of love and respect
Who am I?

• Leader
• Follower
• Agent of change in my community
Who am I?

• Scientist
• Entrepreneur
• Mentor
Who am I?

- Daughter
- Sister
- Aunt
- Niece
- Cousin
- Loved
Challenge

• Define yourself
• Name yourself
• Create for yourself
• Speak for yourself
Let’s talk!

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