Becoming a Polyglot: Lessons from Natural Language Learning

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DjangoCon 2017
@chocotiere

Bonjour!

Asslema!

Salut!

Hello!

¡Hola!

السلام عليكم!

Hi!

Salam!

Codecademy JS course

"Just like a language has nouns, verbs, and prepositions, JavaScript has its own building blocks. Instead of calling them building blocks, however, developers call them *data types*."

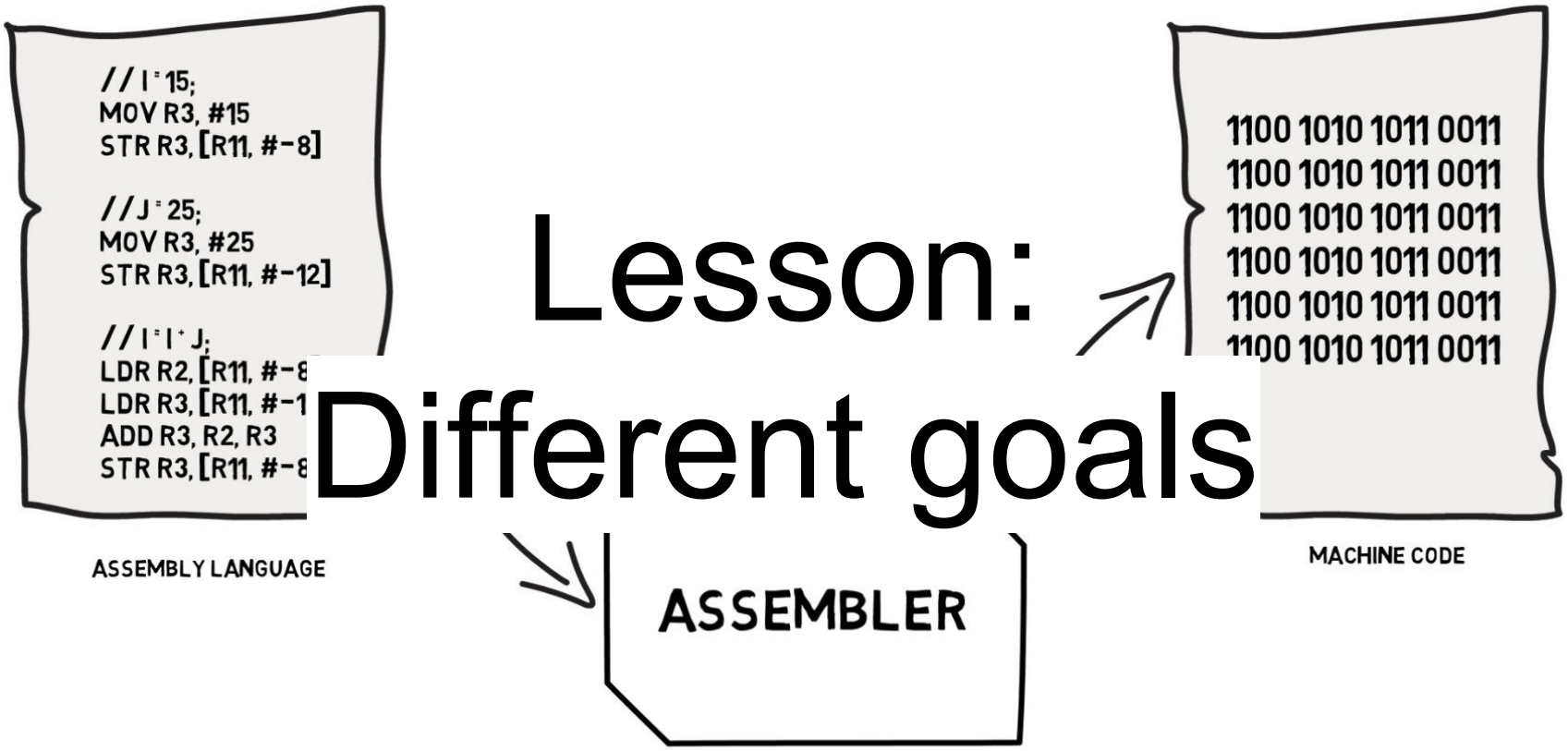
NATURAL LANGUAGE

Differences

Who?

Lesson: Fundamentally different

Why?

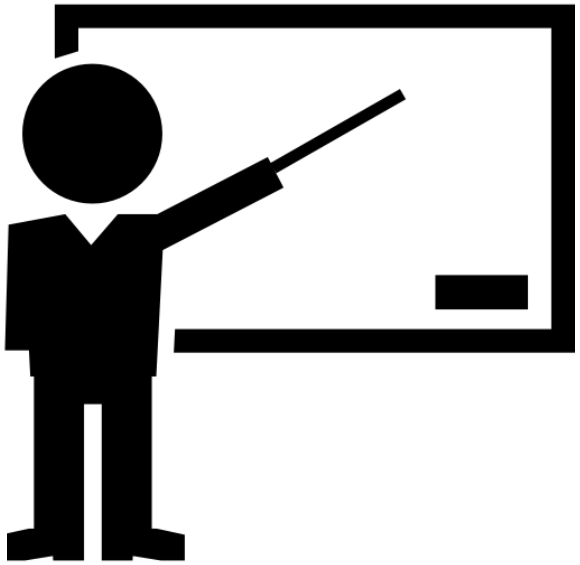


Lesson: Different goals

ANDROID AUTHORITY

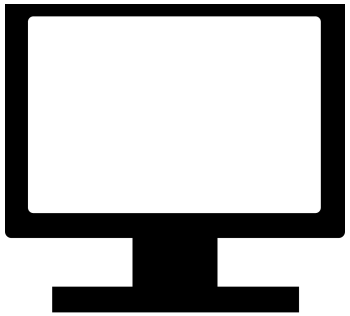
How we learn

codecademy



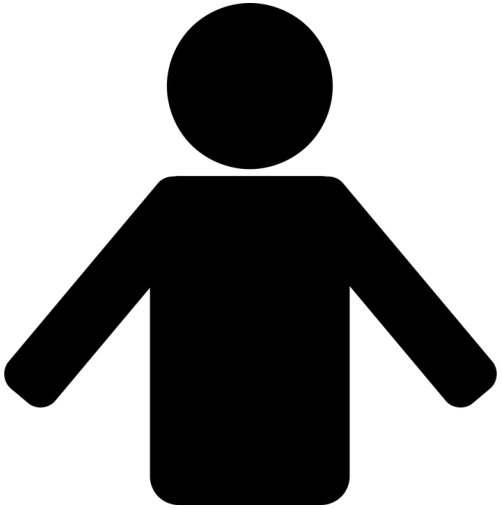
Lesson:

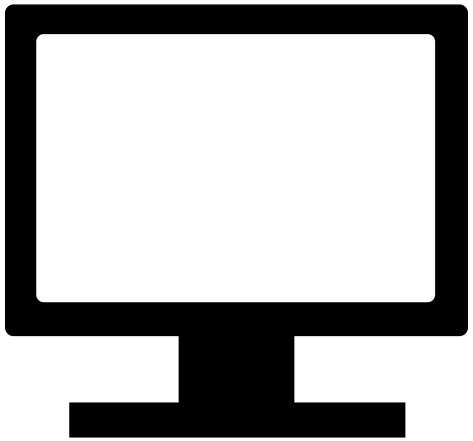
No ‘native speakers’



Ada | DEVELOPERS ACADEMY

Variation and change





You **might** go to the store.

You **should** go to the store.

You **might should** go to the store.

I ain’t never done nothing like that before.

Let me google that for you.

s = ‘-’;

seq = (‘a’, ‘b’, ‘c’)

print s.join(seq)

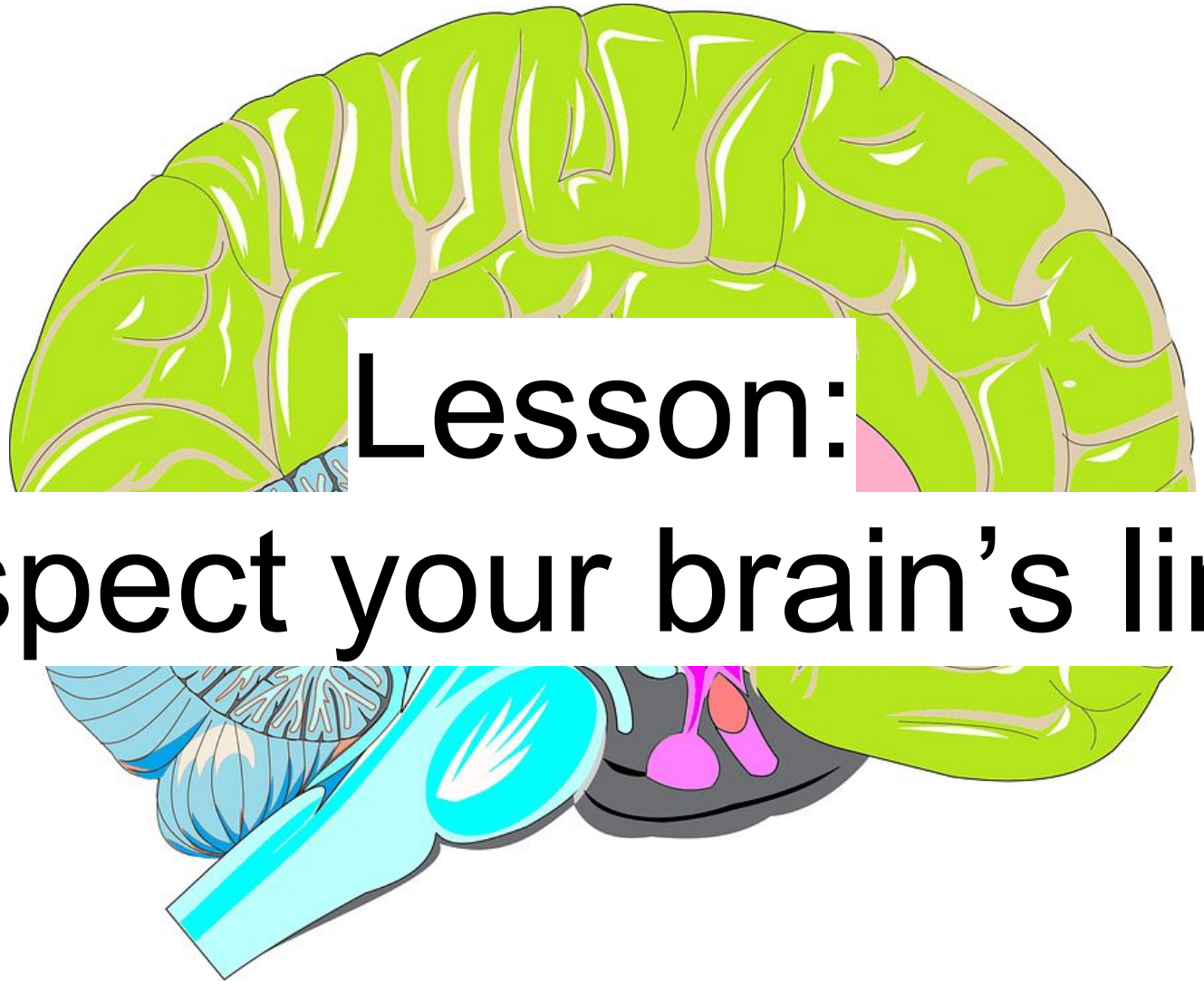
s is ‘-’

Lesson: Computers don’t do variation

re.search(‘a-’, ‘a-b-c’)

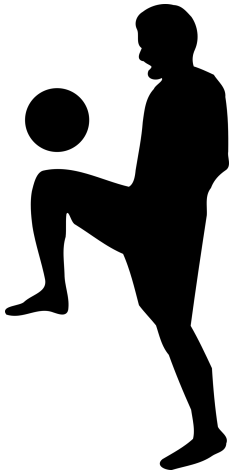
~~re.google(‘a-’, ‘a-b-c’)~~

Similarities

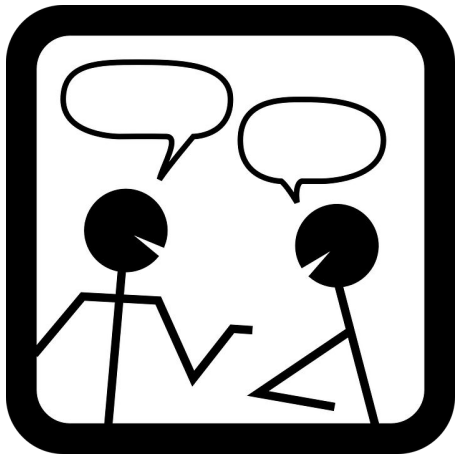


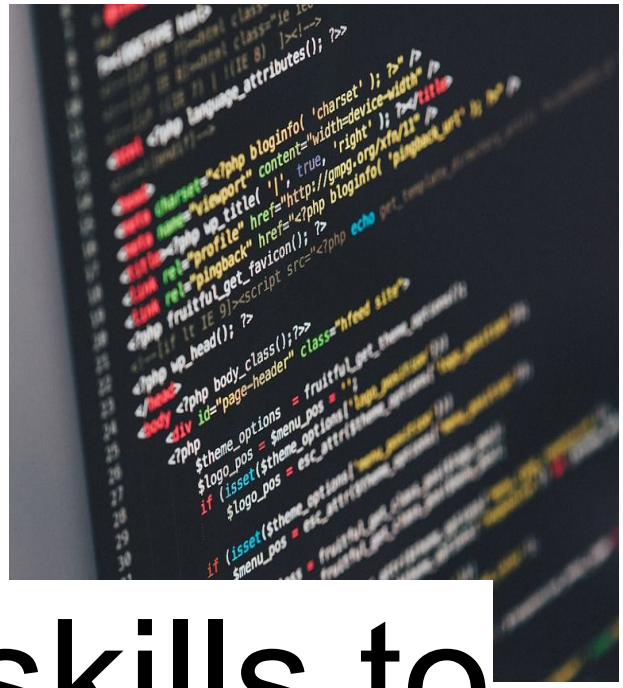
Lesson:

Respect your brain’s limits



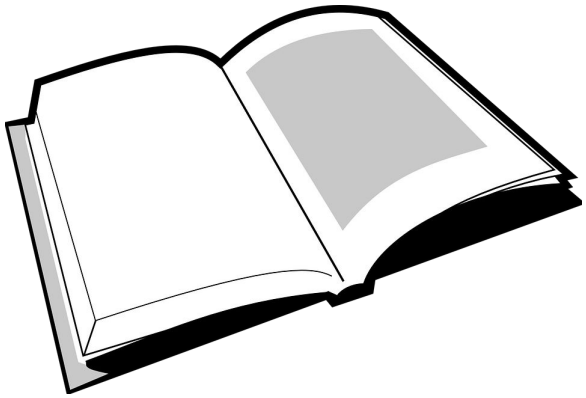
Lesson: 1
PRACTICE



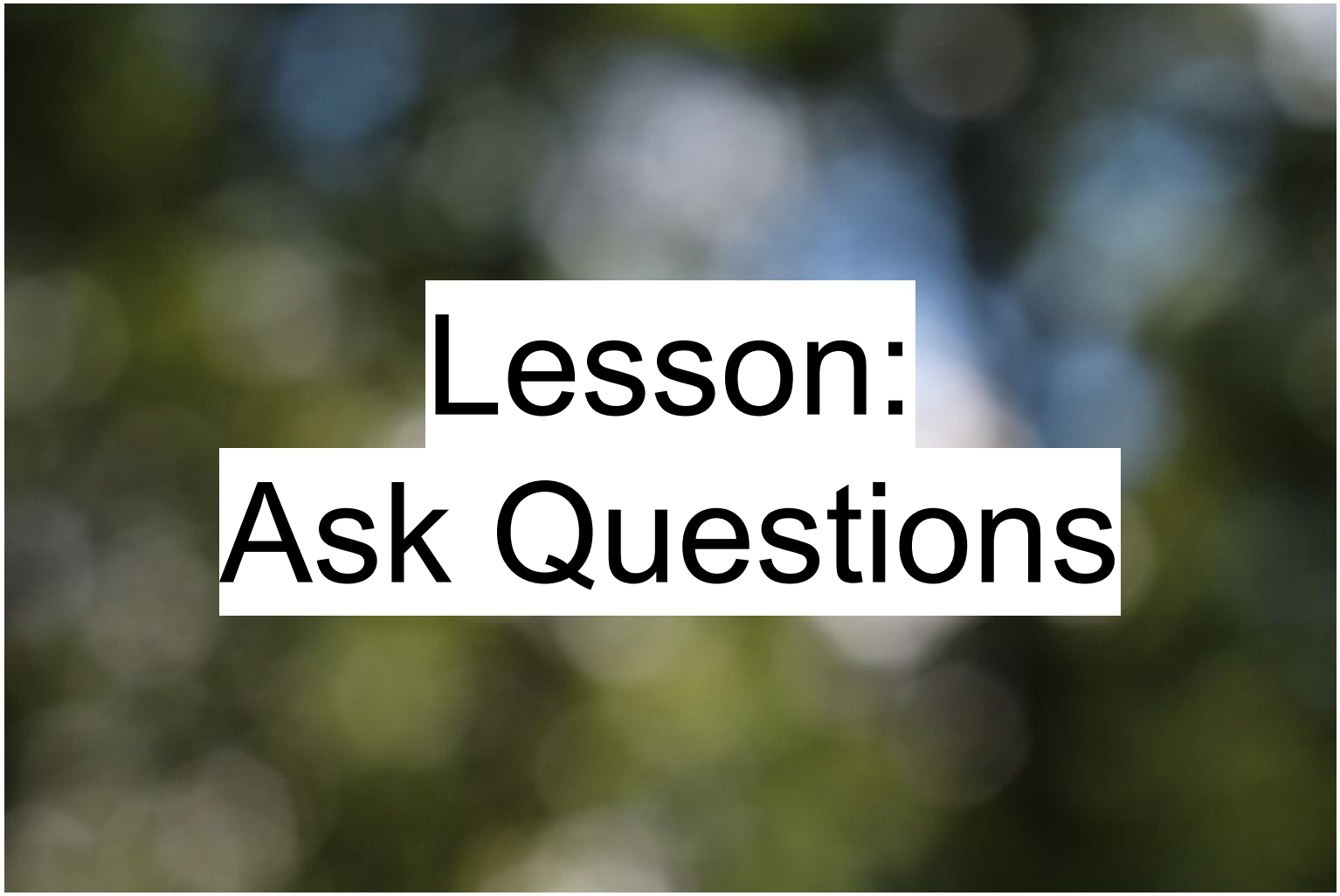


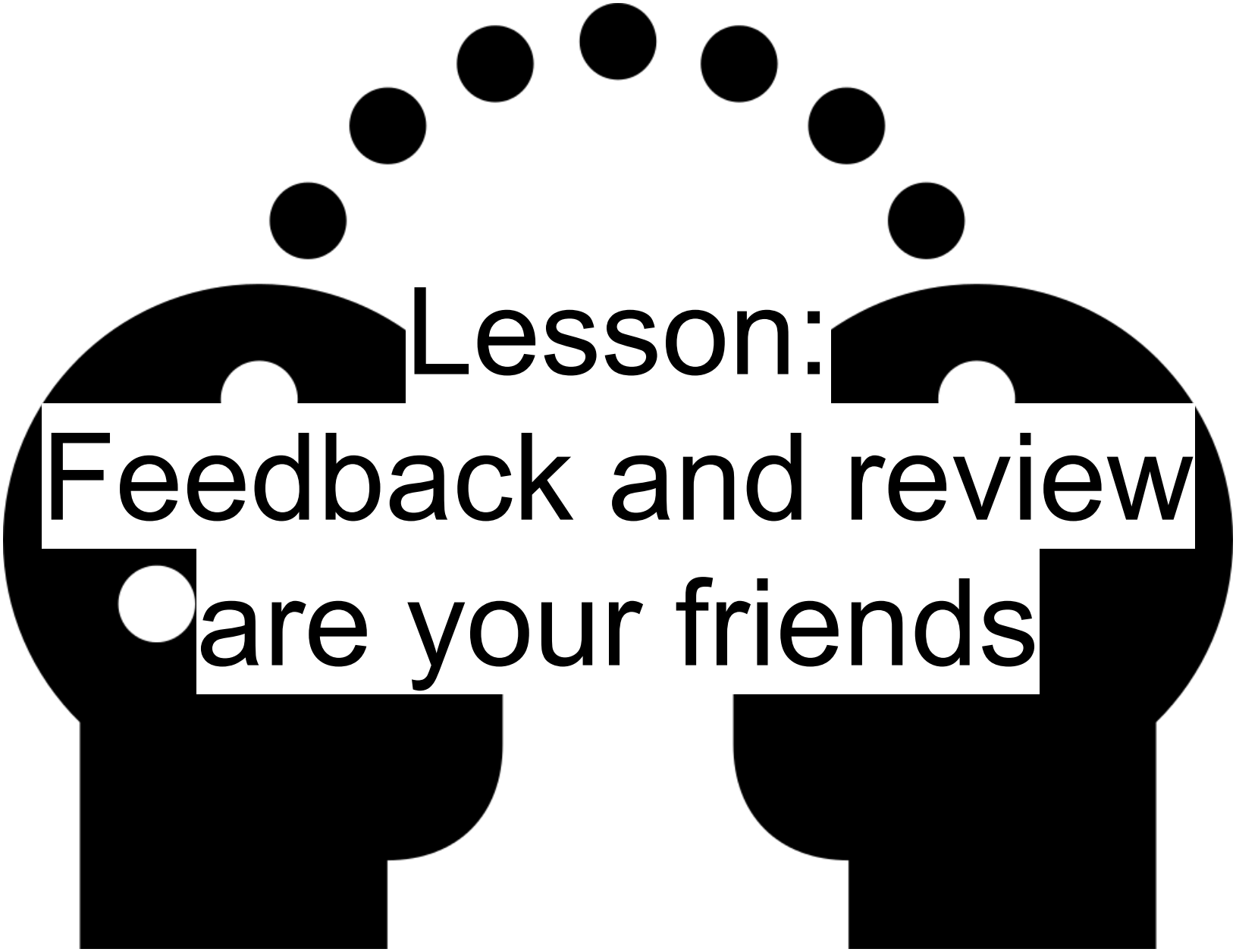
Lesson:

Many facets of skills to work on



stackoverflow


Lesson:
Ask Questions


Lesson:
Feedback and review
are your friends

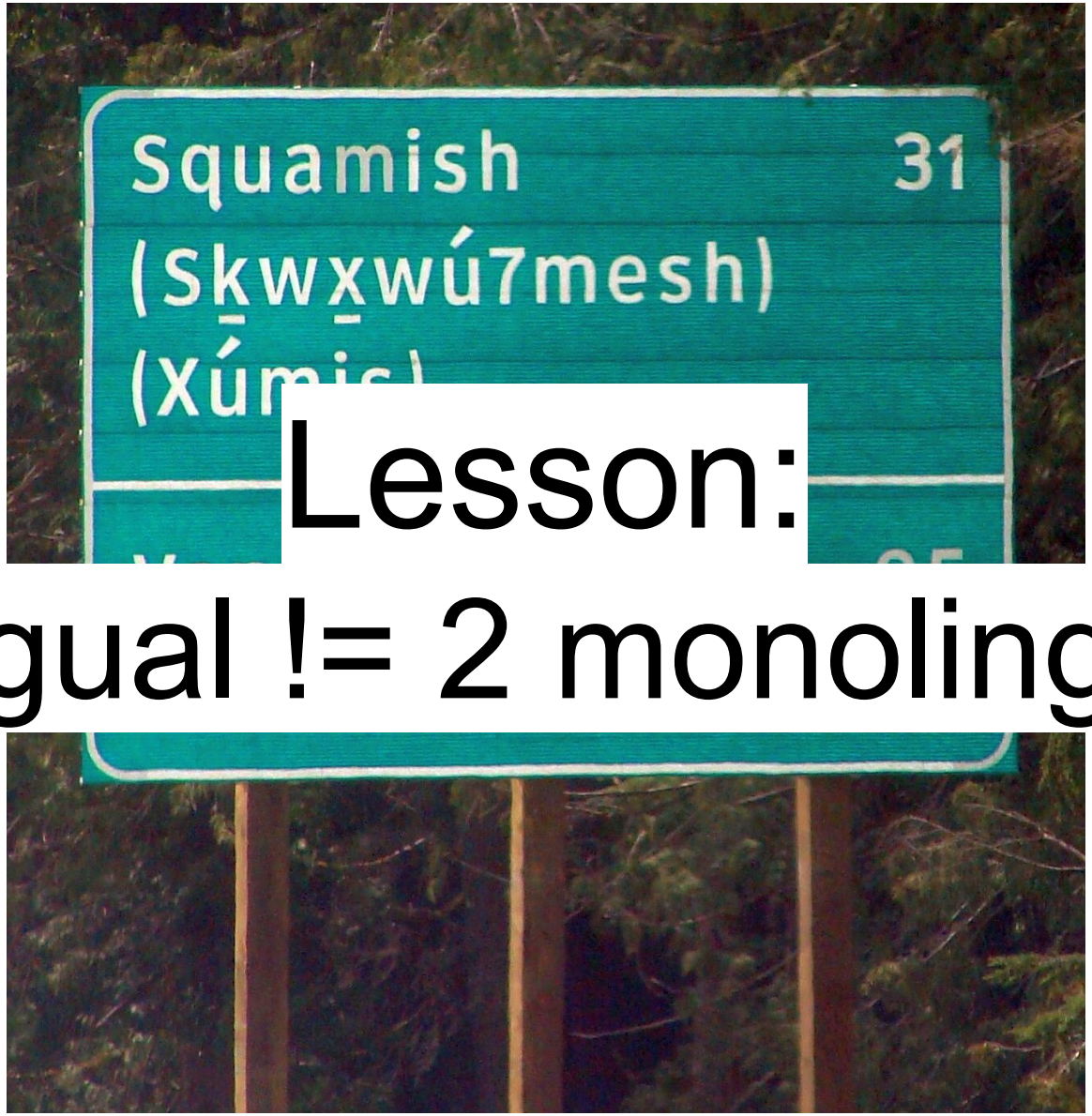
Squamish 31
(Sḵwx̱wú7mesh)
(Xúmis)
Vancouver 95
(K'emk'emeláý)

```
If x == 1:
    Do a thing
```

```
DO IF x = 1.
  Do a thing.
END IF.
```

```
{% if x == 1 %}
  Do a thing
{% endif %}
```

```
IF X EQ 1
  THEN DO A THING
END-IF
```



Lesson:

Bilingual != 2 monolinguals

Lesson:

Earn more money!

Language
Linguaggio
ЯЗЫК
Język
Γλώσσα
Lenguaje
Langage
भाषा
Ngôn ngữ
اللغة
Linguagem
Wika
Sprache
语言
Bahasa
언어

THANK YOU