Part of call stack

student1

Student
- self
- class1
- class2
- class3
- class4

Person
- firstName
- lastName
- middleInitial 'U'

String
" Emily "

String
" Mendez "

Class
- name
- number
- credits   2
- crn   21788
- qualPoints   8.0

String
Wellness Thru Weight Training

String
" HWS 215 "

Class
- name
- number
- credits   1
- crn   10039
- qualPoints   3.70

String
" Professional Skills Ethics & CS Trends "

String
" CS 101 "

Class
- name
- number
- credits   1
- crn   11272
- qualPoints   3.30

String
" Lab In Genral Psychology "

String
" PSYC 112 "

Class
- name
- number
- credits   4
- crn   10042
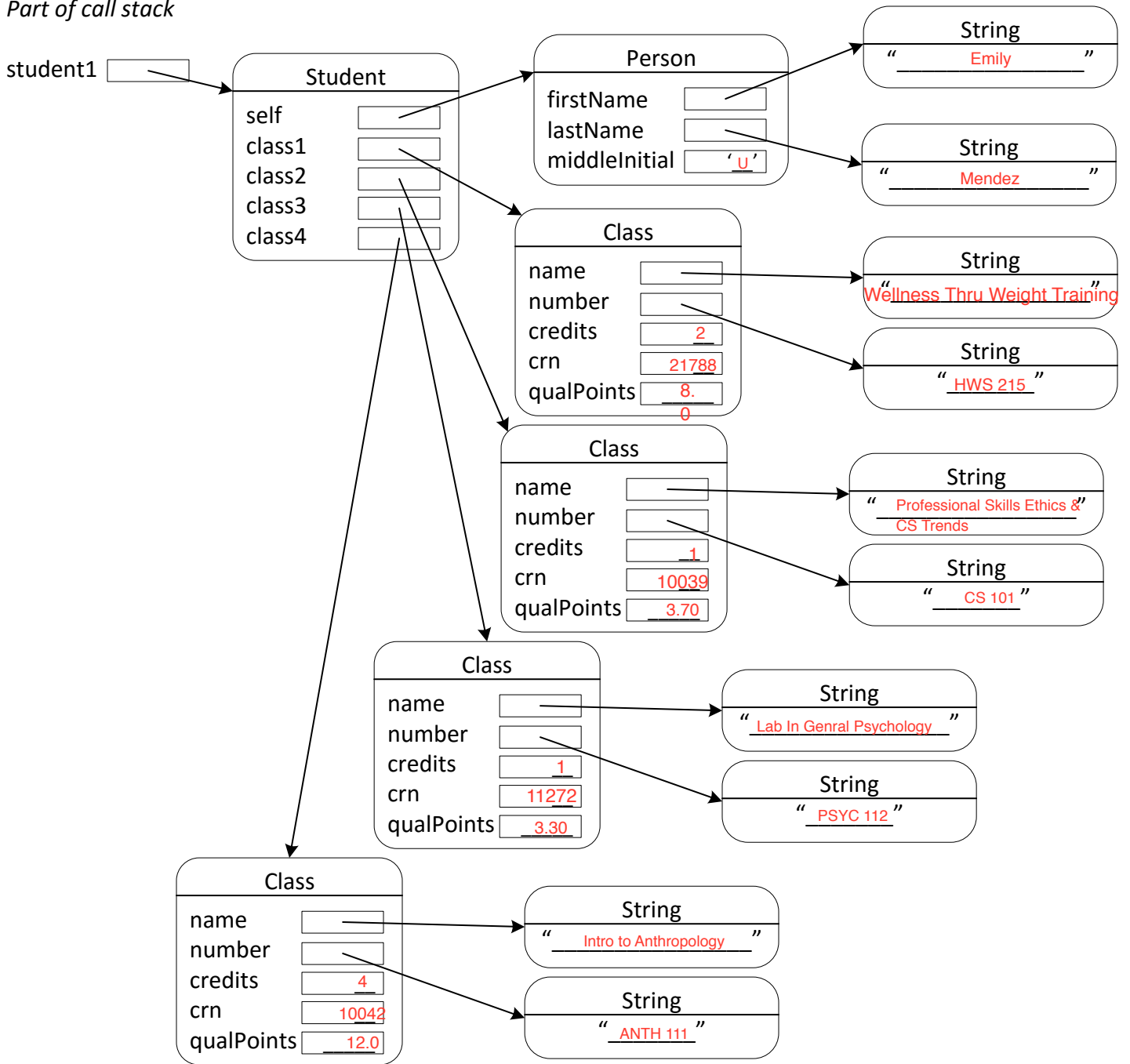- qualPoints   12.0

String
" Intro to Anthropology "

String
" ANTH 111 "

NOTES:

All the variables in the call stack are not shown and in fact may vary depending on the way you write the code. For example you could get away with one Course variable that you keep reinstantiating and setting into the student objects. The instatiation process can even be done as an anonymous object argument in the call to the setter—ask me about it in class.

String objects are actually more complex than shown here. For example the String "Dummy" is more like this:

But use the simplified picture

String
- value
- ....
- (some other fields)

char[ ]
length	5
0	'D'
1	'u'
2	'm'
3	'm'
4	'y'