



UiO • **Institutt for informatikk**

Det matematisk-naturvitenskapelige fakultet

Uke 9

Objektorientering – referansevariabler, datastruktur



To referansevariabler til samme objekt?

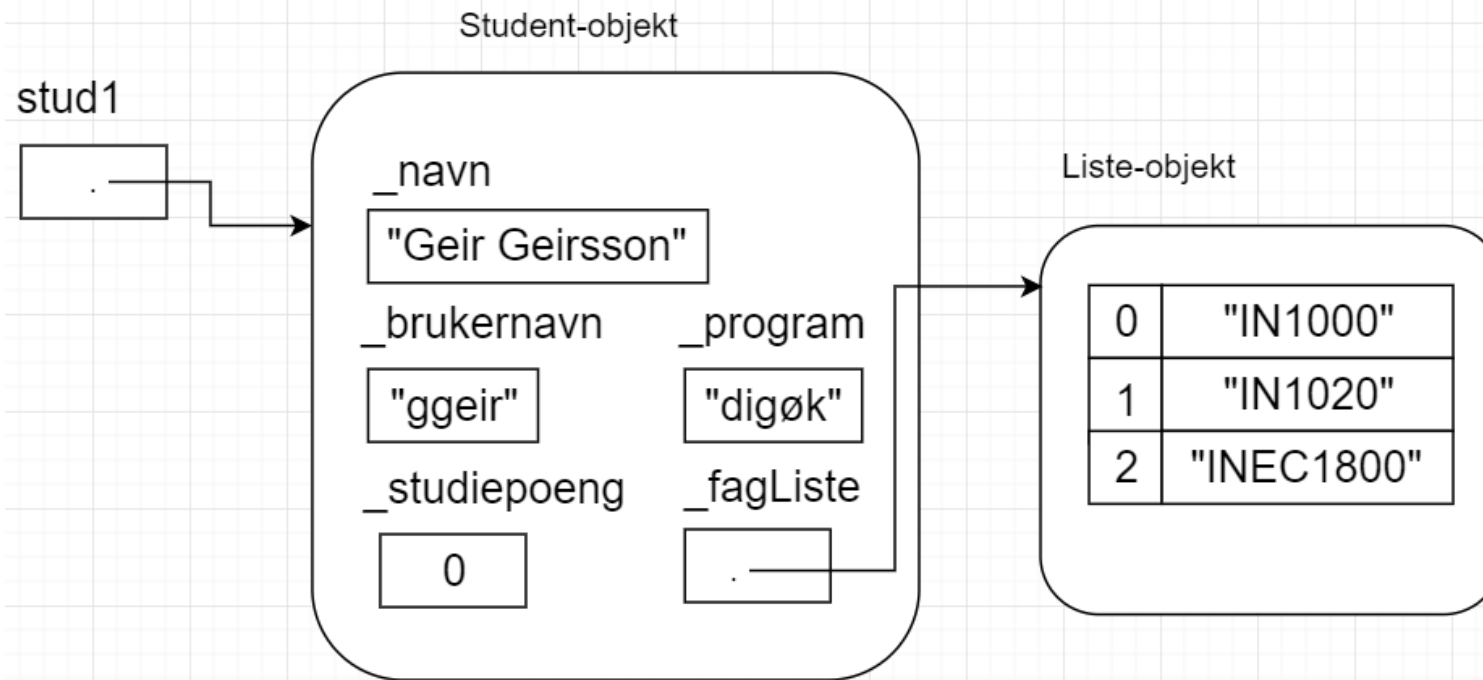
```
from student import Student

stud1 = Student("Geir Geirson", "ggeir", "digøk",
               ["IN1000", "IN1020", "INEC1800"])
stud5 = stud1
```

```
stud1 = Student("Geir Geirson", "ggeir", "digøk", ["IN1000", "IN1020", "INEC1800"])
```

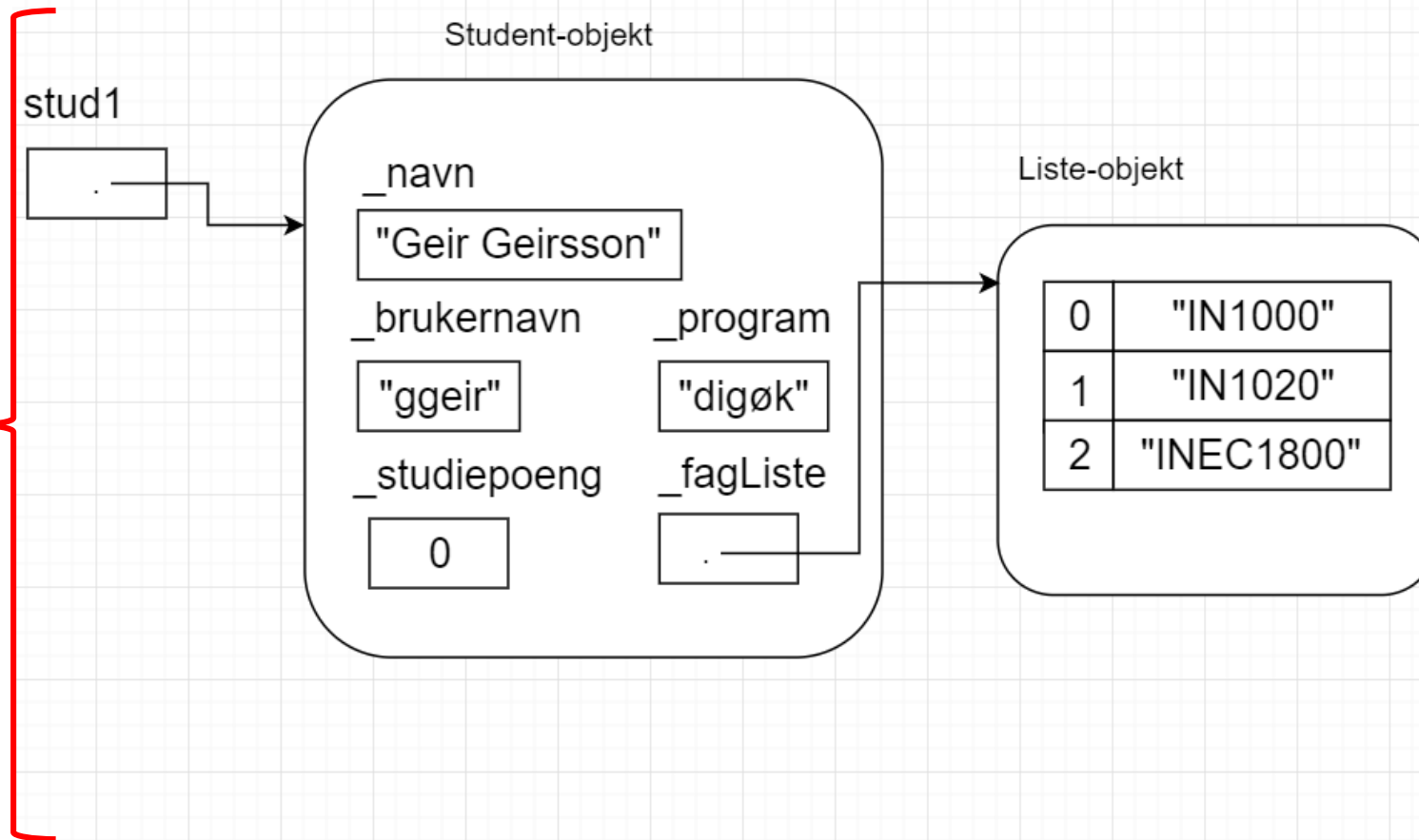
```
1 class Student:
2
3     def __init__(self, navn, brnavn, program, fag):
4         self._navn = navn
5         self._program = program
6         self._brukernavn = brnavn
7         self._fagListe = fag
8         self._studiepoeng = 0
9
```

```
stud1 = Student("Geir Geirson", "ggeir", "digøk", ["IN1000", "IN1020", "INEC1800"])
```

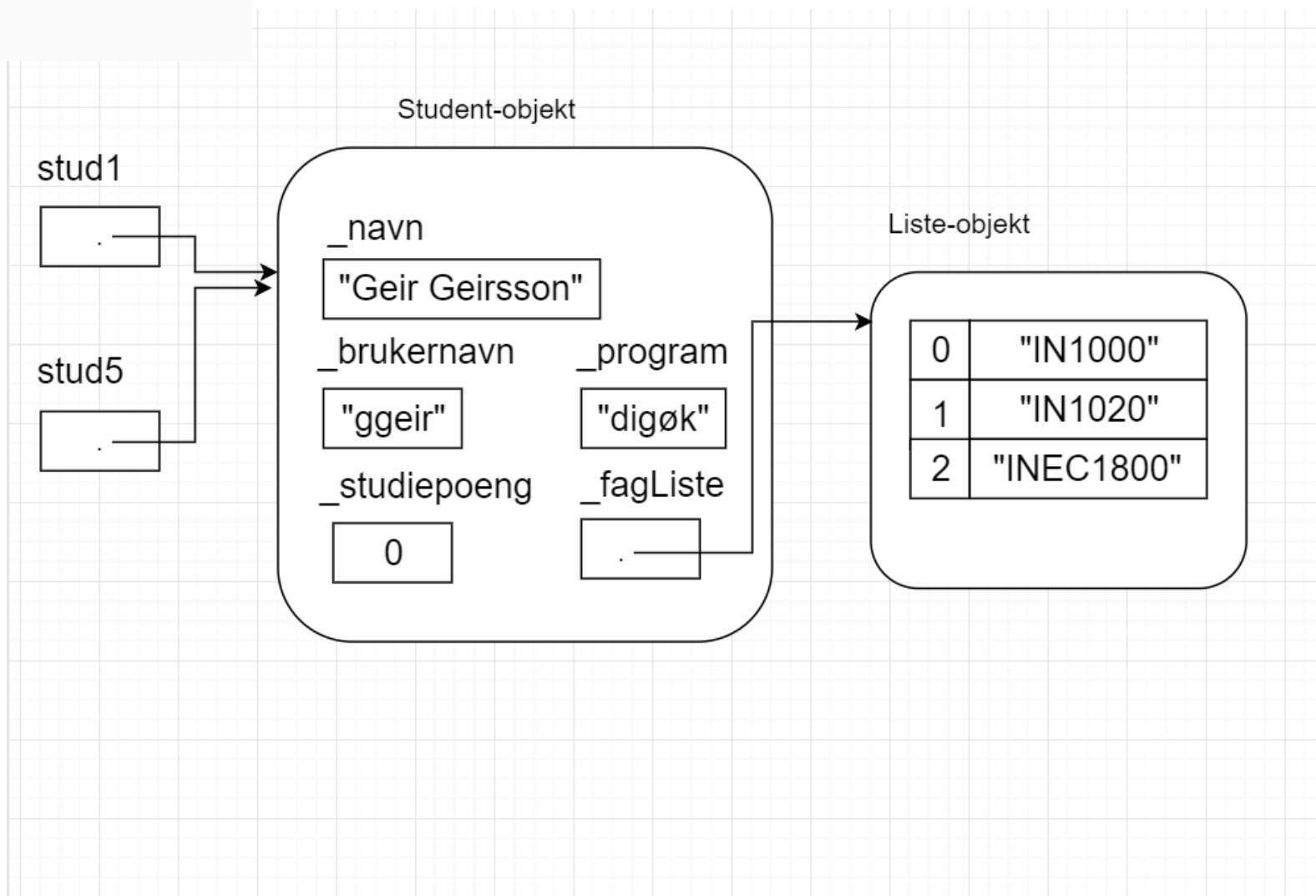


```
stud1 = Student("Geir Geirson", "ggeir", "digøk", ["IN1000", "IN1020", "INEC1800"])
```

Datastruktur
tegning

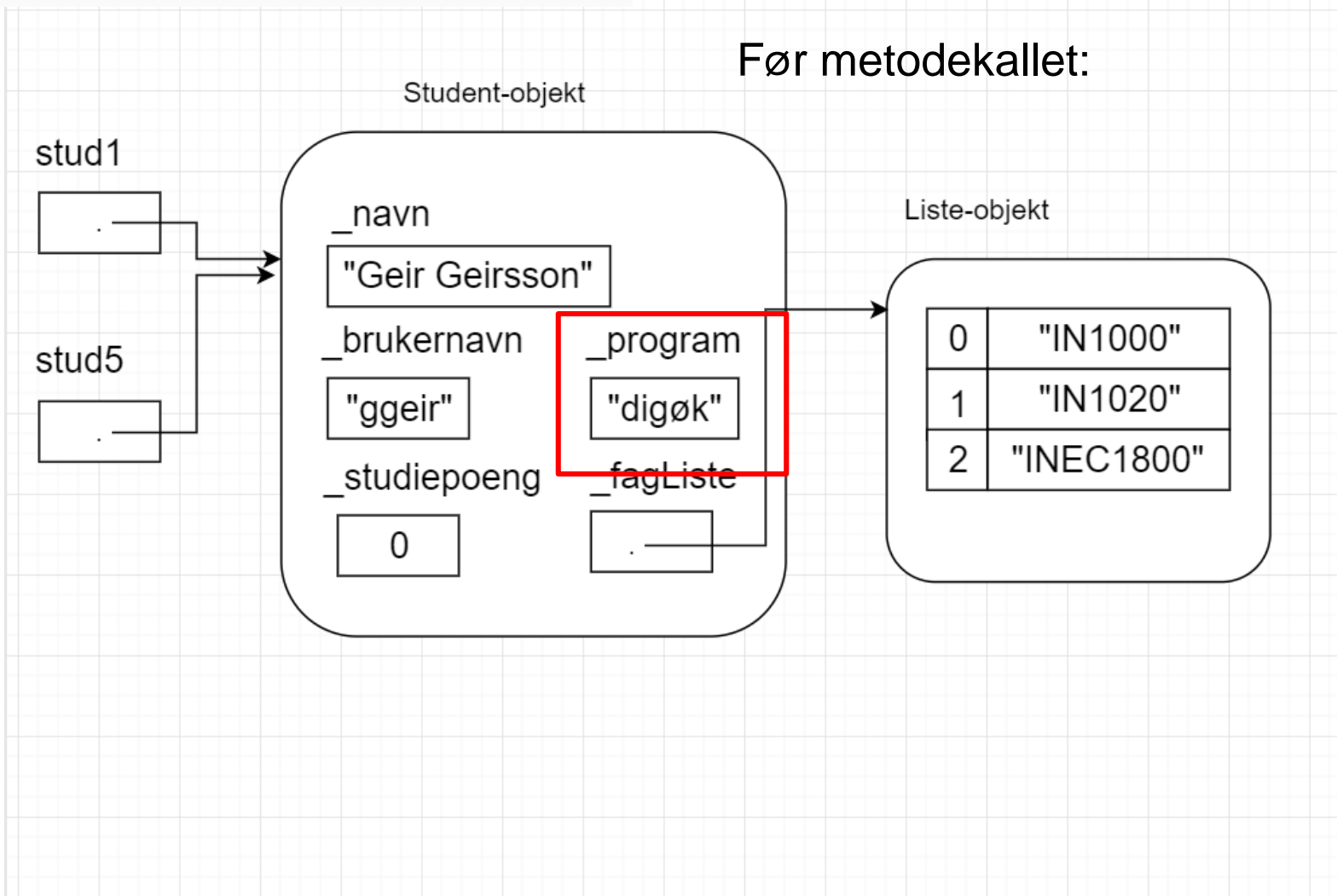


```
stud5 = stud1
```



```
stud5.byttStudieprogram("prosa")
```

Før metodekallet:



```
stud5.byttStudieprogram("prosa")
```

Etter metodekallet:

