

CAHPA!

<http://oahpa.uit.no>

```

strings
classmate=string.format(
    "my classmate is {}"
    .format(name))
print(classmate)

classmate=string.format(
    "my classmate is {} and {}"
    .format(name1,name2))
print(classmate)

classmate=string.format(
    "my classmate is {} and {} and {}"
    .format(name1,name2,name3))
print(classmate)

```

[illegible]

The user types the erroneous *monnii*, and gets feedback from the machine. A correct answer gets green colour as feedback.

```

graph LR
    MQ[machine question] --> Analysis
    UA((user's answer)) --> Analysis
    subgraph Analysis
        MA[morphological analysis  
(sme-norm.fst)] --> PP[post processing  
lookup2cg]
        PP --> DEI[disambiguating,  
error detection,  
interpretation  
ped-sme.cgs]
    end
    Analysis --> GF[(grammar feedback)]
    GF --> NI[(navigation instruction)]
  
```

[illegible][illegible]

Program	Enrollment	Change	Total	%
Male's E	9425	2000	11425	92.5
Female	7670	1740	9410	97.5
Female	5265	1115	6380	98.5
Male's F	1765	405	2170	98.8
Female	920	200	1120	99.5
Female	14	300	314	100.7
Total	17695	4120	21815	99.5

data type	n	data type	n
continuous time	10	continuous time	13
continuous	23	continuous time	10
continuous time	8	continuous	9
continuous	10	continuous	9
continuous	14	continuous	9

Antonsen, Lene, Saara Huhmarniemi and Trond Trosterud 2009: Interactive pedagogical programs based on constraint grammar. Proceedings of the 17th Nordic Conference of Computational Linguistics. *Nealt Proceedings Series* 4. <http://dspace.utlib.ee/dspace/handle/10062/9206>

```

MF (Sahu-Inness) TROTT 100 IF (B (gross bid:un TV))
(*1 ("Inness") TROTT 1000: 0K Rep) ;

```

```

subtle keygen "quadratic" --name "quadratic" --type "TF"
subtle compile "quadratic" --name "quadratic" --type "TF" --kinds
subtle compile "quadratic" --name "quadratic" --type "TF" --kinds
--compression 100 --seed 0 --seed 0 --seed 0 --seed 0 --seed 0
subtle
subtle keygen "quadratic" --name "quadratic" --type "TF"
subtle compile "quadratic" --name "quadratic" --type "TF" --kinds
subtle compile "quadratic" --name "quadratic" --type "TF" --kinds
--compression 100 --seed 0 --seed 0 --seed 0 --seed 0
subtle

```

Age-tags are assigned with help of regex-rules to the answer to the question “How old are you?”. With help of these tags the system chooses a dialogue branch containing questions relevant to the student's age.

```

ls -l /usr/include/stdio.h
-rw-r--r-- 1 root root 2048 2008-08-08 10:00 /usr/include/stdio.h

```

In the grammar feedback library, the tag in question looks up a message in the appropriate interface language (in this example, English), and the user is presented with the feedback *The answer should contain an illative*, as shown in the picture above.