```
sfa_doc_decomp_example  COM

1. x : ℤ
2. y : ℤ
⊢  x+x-(y+2) ∈ ℤ  by Analyze
|
|\
| ⊢  x+x ∈ ℤ  by Analyze
| |
| |\
| | ⊢  x ∈ ℤ  by Trivial
| |
| .\
| . ⊢  x ∈ ℤ  by Trivial
|
.\
. ⊢  y+2 ∈ ℤ  by Analyze
. |
. |\
. | ⊢  y ∈ ℤ  by Trivial
. |
. .\
. . ⊢  2 ∈ ℤ  by Auto
END
```