

**Praktikum Kecerdasan buatan  
(SEMANTIC NETWORK DAN FRAME)**



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## 2. Tugas NRP Genap:

```
%% ===== aa map, aa : map\map2, ..
```

```
?- emacs('D:/semanticframe.pl').
```

semanticframe.pl

```
subclass(dormitory, apartment_complex).  
subclass(student, person).  
subclass(heritage_acres, apartment_complex).  
  
aninstance(john, person).  
aninstance(mary, person).  
aninstance(john, student).  
aninstance(mary, student).  
aninstance(heritage_acres, apartment_complex).  
aninstance(doughtery, apartment_complex).  
aninstance(doughtery, heritage_acres).  
aninstance(john, resident).  
aninstance(mary, resident).  
aninstance(john, student_of_heritage_acres).  
aninstance(mary, student_of_doughtery).  
  
value(john, eye_color, blue).  
value(mary, eye_color, brown).  
value(john, gender, male).  
value(mary, gender, female).  
value(heritage_acres, location, heritage_acres_location).  
value(doughtery, location, doughtery_location).  
value(john, location, heritage_acres_location).  
value(mary, location, doughtery_location).  
  
resident(X) :-  
    aninstance(X, resident).  
  
student_of_heritage_acres(X) :-  
    aninstance(X, student),  
    aninstance(heritage_acres, apartment_complex),  
    value(X, location, heritage_acres_location).
```

```
?- consult('D:/semanticframe.pl').
```

```
true.
```

```
?-
```

CEK HASIL:

Subclass

```
?- subclass(dormitory, apartment_complex).  
true.
```

```
?-
```

Aninstance:

```
?- aninstance(X, student).  
X = john ;  
X = mary.
```

Value:

```
?- value(X, location, heritage_acres_location).  
X = heritage_acres ;  
X = john.
```

Ubahlah menjadi bentuk frame



