

PRAKTIKUM KECERDASAN BUATAN



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TEKNIK INFORMATIKA

**POLITEKNIK ELEKTRONIKA NEGERI SURABAYA**

**PENS PSDKU SUMENEP**

**D3 TEKNIK INFORMATIKA**

## Tugas animal kelompok 7 mengerjakan cheetah dan tiger

### 1. Cheetah(output benar)

```
?- consult('d:/kecerdasan/animal.pl').  
true.  
  
?- go.  
Does the animal have the following attribute: has_hair? n  
|: .  
  
Does the animal have the following attribute: gives_milk? |: y.  
Does the animal have the following attribute: eats_meat? |: y.  
Does the animal have the following attribute: has_tawny_color? |: y.  
Does the animal have the following attribute: has_dark_spots? |: y.  
  
I guess that the animal is: cheetah  
true.  
  
?-
```

### 2. Tiger(output benar)

```
?- go.  
Does the animal have the following attribute: has_hair? y.  
Does the animal have the following attribute: eats_meat? |: y.  
Does the animal have the following attribute: has_tawny_color? |: y.  
Does the animal have the following attribute: has_dark_spots? |: n.  
Does the animal have the following attribute: has_black_stripes? |: y.  
  
I guess that the animal is: tiger  
true.  
  
?- ■
```

### 3. Output salah

The Zoo Settings Don't Seem Right

```
?- go.  
Does the animal have the following attribute: has_hair? n.  
Does the animal have the following attribute: gives_milk? |: y.  
Does the animal have the following attribute: eats_meat? |: y.  
Does the animal have the following attribute: has_tawny_color? |: n.  
Does the animal have the following attribute: has_hooves? |: y.  
Does the animal have the following attribute: has_long_neck? |: y.  
Does the animal have the following attribute: has_long_legs? |: n.  
Does the animal have the following attribute: has_black_stripes? |: n.  
Does the animal have the following attribute: has_feathers? |: n.  
Does the animal have the following attribute: flys? |: n.  
I guess that the animal is: unknown  
true.
```

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2. nomer 2 kelompok 7 mengerjakan mallard dan barn swallow

```
?- identify.  
nostrils:external_tubular? (yes or no): yes.  
live:at_sea? (yes or no): |: no.  
feet:webbed? (yes or no): |: yes.  
bill:flat? (yes or no): |: yes.  
neck:long? (yes or no): |: no.  
  
What is the value for size?  
1 : large  
2 : plump  
3 : medium  
4 : small  
Enter the number of choice> |: 3.4.  
  
feed:on_water_surface? (yes or no): |: yes.  
  
What is the value for flight?  
1 : ponderous  
2 : powerful  
3 : agile  
4 : flap_glide  
5 : other  
Enter the number of choice> |: 3.  
  
voice:quack? (yes or no): |: yes.  
head:green? (yes or no): |: yes.  
The bird is a mallard  
true .  
  
?-
```

## Barn swallow

```
?- identify.  
nostrils:external_tubular? (yes or no): yes.  
live:at_sea? (yes or no): |: no.  
feet:webbed? (yes or no): |: no.  
eats:meat? (yes or no): |: no.  
feet:one_long_backward_toe? (yes or no): |: yes.  
bill:flat? (yes or no): |: no.  
wings:long_pointed? (yes or no): |: yes.  
  
What is the value for tail?  
1 : narrow_at_tip  
2 : forked  
3 : long_rusty  
4 : square  
5 : other  
Enter the number of choice> |: 2.  
  
bill:short? (yes or no): |: yes.  
The bird is a barn_swallow  
true .  
  
?-
```

## Output yang salah

```
?- identify.  
nostrils:external_tubular? (yes or no): no.  
feet:webbed? (yes or no): |: yes.  
bill:flat? (yes or no): |: yes.  
neck:long? (yes or no): |: no.  
  
What is the value for size?  
1 : large  
2 : plump  
3 : medium  
4 : small  
Enter the number of choice> |: 3.  
  
feed:on_water_surface? (yes or no): |: yes.  
  
What is the value for flight?  
1 : ponderous  
2 : powerful  
3 : agile  
4 : flap_glide  
5 : other  
Enter the number of choice> |: 2.  
  
eats:meat? (yes or no): |: no.  
I can't identify that bird  
true.
```