First, I asked six questions about the appearance of this animal.

```
CLIPS> (run)
Is the animal has hair? (y/n)
y
It is a mammal
Is the animal has claws? (y/n)
y
Is the animal has pointed teech? (y/n)
y
Is the animal's eyes pointed forward? (y/n)
y
It is a carnivore
Is the animal has a tawny colour? (y/n)
y
Is the animal has dark spots? (y/n)
y
```

```
CLIPS> (defrule q1
(initial-fact)
=>
(printout t "Is the animal has hair? (y/n)" crlf)
(bind ?hair(read))
(assert(hair ?hair)))
CLIPS> (defrule q2
(initial-fact)
=>
(printout t "Is the animal has claws? (y/n)" crlf)
(bind ?claws(read))
(assert(claws ?claws)))
CLIPS> (defrule q3
(initial-fact)
=>
(printout t "Is the animal has pointed teech? (y/n)" crlf)
(bind ?pointed_teeth(read))
(assert(pointed_teeth ?pointed_teeth)))
CLIPS> (defrule q4
(initial-fact)
=>
(printout t "Is the animal's eyes pointed forward? (y/n)" crlf)
(bind ?eyes_point_forward(read))
(assert(eyes_point_forward ?eyes_point_forward)))
CLIPS> (defrule q5
(initial-fact)
=>
(printout t "Is the animal has a tawny colour? (y/n)" crlf)
(bind ?tawny_colour(read))
(assert(tawny_colour ?tawny_colour)))
CLIPS> (defrule q6
(initial-fact)
=>
(printout t "Is the animal has dark spots? (y/n)" crlf)
(bind ?dark_spots(read))
(assert(dark_spots ?dark_spots)))
```

Then, the system will follow the rules to check which animal it is.

I used if , then and and functions to create the rules.

And the result is cheetah.

```
y
Is the animal has dark spots? (y/n)
y
It is a cheetah
CLIPS>
```