Question 1 snap shot:

> find_in(toy, greenbox).

true

> find_in(toy, redbox).

true

> find_in(toy, bluebox).

true

> find_in(greenbox, bluebox).

true

> find_in(toy, orangebox).

false

Question 2 snap shot:

> minlist([1,2,3], M).

M = 1

> minlist([4,3,2], M).

M = 2

> minlist([5,4,2,3], M).

M = 2

Question 3 snap shot:

compare([], []).

true

compare([_], []).

false

compare([a, b, c, d], [a, b, c, d]).

true

compare([a, b, c], [c, b, a]).

false

compare([a, b], [a, b, c]).

false

Question 4 snap shot:

perimeter(tria(point(1,1), point(1,2), point(2,2)), A).

A = 3.414213562373095

perimeter(tria(point(1,1),point(1,5),point(1,6)), A).

A = 10.0

perimeter(tria(point(2,1), point(2,3), point(6,3)), A).

A = 10.47213595499958

Question 5 snap shot:

chat.

Hello, I am chatbox
When you see "user:" type a word followed by "."
or type "stop." if you want to stop this nonsense!
user:

> *hello.*

Who likes hello?
user:

> *everyone.*

What is everyone?
user:

> *nothing.*

do you like nothing?
user:

> *yes.*

Could you please stop talking about yes?
user:

> *ok.*

Could you please stop talking about ok?
user:

> *stop.*

true