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/* Travel advisory system */
/* Advise a traveller based on his or her interests */

suggest(Place, Type) :- kind_of(Place, Type), interested(Type), write('The
recommended place is '), write(Place), write(' and its type is '), write(Type),
nl, assert(recommended(Place)), fail.

suggest(_,_) :- nl, convert_to_list(List), write('The list of recommended
places for you is '), write(List), nl.

interested(Type) :- write('Are you interested in '), write(Type), write(' '),
read(Y), nl, Y = y.

convert_to_list([Px|Tail]):- retract(recommended(Px)), convert_to_list(Tail).

convert_to_list([]).

/* Facts */
kind_of(hampi, heritage).
kind_of(tajmahal, heritage).
kind_of(corbett, adventure).
kind_of(ranthambore, adventure).
kind_of(leh, hills).
kind_of(manali, hills).

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