**Exp 32:write a prolog program to implement pattern matching**

**Input:**

% match/2 succeeds if the pattern matches the list

% Case 1: Exact match of two lists

match([], []).

match([X|Xs], [X|Ys]) :-

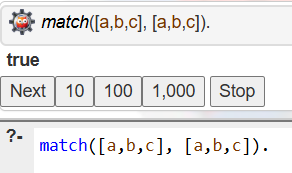
match(Xs, Ys).

% Case 2: Wildcard '\_' matches any element

match(['\_'|Ps], [\_|Ys]) :-

match(Ps, Ys).

**Output:**

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