1 The Module kindergarten_garden.pl

plant(+Plant:atom, -Encoding:char) kindergarten_garden.pl

Four different types of seeds are planted:

```
PlantProlog encodingDiagram encodingGrassgrassGClovercloverCRadishradishesRVioletsvioletV
```

```
:- module(kindergarten_garden, [garden/3]).
%! plant(+Plant:atom, -Encoding:char) is det.
%
% Encode a plant name as a single character.
plant(grass, 'G').
plant(clover, 'C').
plant(radishes, 'R').
plant(violets, 'V').
```

Find Child's Plants, given two rows of plants and a list of Children.

If Child is the first of Children, their Plants are the first two in each row.

Otherwise, recursively check the next set of plants.

```
garden(+Garden:string, +Child:atom,
-Plants:list(atom)) kindergarten_garden.pl
```

Determine which Plants in the Garden belong to the given Child.

```
\%! garden(+Garden:string, +Child:atom, -Plants:list(atom)) is det. \%
```