

Task 1

Objective	Define a data declaration for the vector type. <ol style="list-style-type: none">1. Specify an identifier for the type (Vect), along with its type2. Specify the Nil constructor3. Specify the Cons constructor
Dependencies	None
Estimated Length	10-15 minutes
Possible Solution	The user successfully defines the Vect data type with it's two constructors
Starting Point	The main view
Measuring Success	The definition is theoretically correct

Task 2

Objective	Define the zip function for vector type. <ol style="list-style-type: none">1. Specify the identifier for the function (zip), along with its type2. Specify the first case3. Specify the second case
Dependencies	Task 1 has successfully been completed
Estimated Length	10-15 minutes
Possible Solution	The participant successfully defines the zip function
Starting Point	The main view with the Vect data type defined
Measuring Success	The zip function is correctly defined and the participant has made use of both initial pattern match creation, case splitting, and meta-variable solving.