Exercise1:

1. Check whether a given element is a member of the list.
2. Print the third element of the list.
3. Check whether the first 2 elements are same or not
4. Swap the first 2 elements of the list.
5. Calculate the length of the list.
6. Find the summation of the list elements
7. Print the last list element
8. Write a rule to concatenate the 2 lists.
9. Find the maximum of the list element
10. Find the minimum of the list element.
11. Delete an element from a list.
12. Appending 2 lists
13. Divide a list in to 2 lists
14. Permutation of a list
15. Reverse list
16. Ordered List
17. Union of 2 lists

Exercise2:

Three married couples want to cross a river in a boat that is capable of holding only two people at a time, with the constraint that no women can be in the presence of another man unless her husband is also present.

How should they cross the river with the least amount of rowing?