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PPL Lab
Assignment 4

1. To input the list from the user and print it (Hint: Use read/2 to input the list).
2. Find the sum of all elements in the list.
3. Find the size of a list.
4. Count no. of vowels in a list. (Hint: Input list of characters from a user and count no of vowels in it)
5. Search whether an element exists in a list.
6. Reverse a given list.
7. Concatenate two lists. (Hint: Take two lists namely, L1 and L2 from a user and concatenate it in a list L)
8. Delete an element from the list.
9. Find Max and min elements from the list.
10. Merge and sort two given lists in the third list.
11. Check if a given list is a palindrome.
12. Find an n^{th} element of the list.
13. Find the product of all elements in the list.
14. Split the list into two parts. Take list L from the user. The list L1 contains all even elements of the list L and the list L2 contains the all odd elements of list L.